Precedent

G. R. S. IX-5]

Previous references.
GM. 292-14-1
9+c 124-17-2
9+c 124-17-64.
Geol 6-17.

Later references.
CB 29-'19.
9.W. 21-22-4...1
9. W. 21-22 Sls. 1+10.
CB 17-8-21 M2
Gol Ub. M-1
SA 125. 26. 163

PROPERTY OF

1918-19

(Geol)

File No. 69-18

Serial Nos. 1-12, 14.

(161)

GENERAL AND REVENUE SECRETARIAT.

CB 118-30-192
Geol 46-28(1-6)

Serial Nos. 1-12+14

Part B for October 19

SUBJECT.

Re organization of the Dept of Mines + Geology.

G 7041-7100 / 9 18-9-19	To Heads of Depts + Dep of Govt. Issues orders on the re-organisation of the Dept of Mines + Geology
G 7101-60 / 9 18-9-19	Defines the work of Sr Surveyor while on Special duty.

W D 1250—GPB—30,000—28-1-19

(RE-CIRCULATED)

(For disposal at the next meeting)

No. C. 568

.....191....

GENERAL AND REVENUE SECRETARIAT.

Council Matter.

SUBJECT.

(Clause x of the Schedule)

Re-organization of the Department of Mines and Geology.

CIRCULATED TO THE MEMBERS OF COUNCIL.

By Order,

C.S. Balasundaram Jr

2nd August .....191 9. Chief *Secretary to Government.*

Extraordinary Member of Council.

First Member of Council. seen.

Second Member of Council.

Third Member of Council.

C.S.—1,000—3-2-14

next

(For Disposal at the/Meeting)

No. C. 568

24. 1. 1919

GENERAL AND REVENUE SECRETARIAT.

COUNCIL MATTER.

SUBJECT.

(Clause x of the Schedule)

Proposals for the re-organization of the Department of Mines and Geology.

Re CIRCULATED TO THE MEMBERS OF COUNCIL.

By Order,

C Balasundaram
Chief *Secretary to Government.*

24th Jany. 191-9.

File recirculated

Extraordinary Member of Council.

13/5
24.1.19.

First Member of Council. Seen 25.1.19. Seen 27.1.19

Second Member of Council. seen. Seen.

Temporary Member of Council. 29/1/19

WD 2870—GPB—1,000—11-5-17

11608

G. R. S. III-1]

1918-19

GENERAL AND REVENUE SECRETARIAT

(Giol)

NOTES.

File No. 69-18

FILE HEADING.

Proposals for improving the prospects of the Staff of the Dept of Mines & Geology

From

The Director, Dept of Mines & Geology

No. 1857 Dated 13-1-19 Received 15-1-19

Diary No. 11608] Enclos. 1 Spare Copies. [Serial No. 1

BRIEF ABSTRACT OF LETTERS.

Submits for orders of Govt proposals re the reorganisation of the Dept

NOTES AND ORDERS.

1 Submit to Member at once with previous references

(Sd) C.S.B. 14-1

2 Branch Immediate

(Sd) M.V. 15-1-19.

3 Submitted with references

AHS 15-1-19

3046-11 16-1-19

4 Second Member) Hue 15/1/19.

P. 70

NOTES—First Sheet.

806

11608

G. R. S. III-2)

General and Revenue Secretariat. | Gol File No. 69 of 1918-19

Serial No.

The note was put up by Dr. Suzuki & that put up previously by Mr. Jayaram were both of them done after discussion of the subject with me and the lines on wh the reorganisation of the department is now proposed are in general agreement with my own views in the matter. Time I think has arrived for splitting up the department into two separate & independent ones of Mines & Geology. The inspection of Explosives being made subsidiary to the former. There is stagnation in the department owing to its limited personnel, & the department has lost much of its former attractiveness also. Graduates who have done well in Physics or Chemistry are now not attracted to it. While it is fairly common knowledge that the students who take up Geology for their Optional at present are not the best of the bunch. So I am of opinion that in order to attract really good young men to the department and to make service in it welcome to those not only entering it, but also such as have already spent the best part of their lives in it, it is neces-

NOTE—Contn. sheet.

Serial No.

and advisable to re-organise the dept on the lines indicated. There may be difference of opinion in the matter of a few details but I venture to think that there cannot be much of it in any detail, on the main point at issue. Representation of the department of Geology are necessary in the districts, owing to the trend of things, and it seems to me that as the days go by, it will be found necessary to have representatives of the dept in the districts in the same way as those of the other departments. For want of this representation it is next to impossible at present to get any information about the same from districts in the matter of the Exploitation of minerals by Prospectors & others.

6 As regards Dr. Smeeth himself, it strikes me that he will not be able to continue here for more than another couple of years & so it behoves us to get the most out of him during the period. If he is here down to office routine, as heretofore he shall not be able to accomplish the purpose, and it is necessary, therefore, that he should be relieved of this & the like of many

NOTE—Contn. sheet.

11608

G. R. S. III-2]

General and Revenue Secretariat. | Genl File No. 69 of 1918-19

Serial No.

work of a special nature. But so long as he continues the with us, he should exercise general supervision over both geological & mining work and see that work in both these departments settles down satisfactorily before the time comes for him to leave us for good. By virtue of his qualifications & experience as well as local knowledge coupled with the most recent information regarding development in Europe & America, he is pre-eminently fitted for the job & if we fail to get out of him the benefit of all this, it will not be much his fault. I fear. With these observations I commend the proposals for the early & careful consideration of Govt.

Paul
18.1.19.

Edwards

7. Mineral questions & policy involved may be discussed at the next meeting of the Council. Some notes based on the experience of the working of the Dept. which I hope to send the C. Secy in time

NOTE—Contn. sheet.

1160? 5

G. R. S. III-2j

General and Revenue Secretariat.

Govt File No. 69 of 1918-19

Serial No.	
	for circulation in time. In the meantime this file may be circulated 21.1
c.568	CS. & circulate & subsequent meeting CS 23/1/19 Secy 24/1.

NOTE—Contn. sheet.

D(12)

C. 568

Regular.

Subject.-Clause x of the Schedule.

Proposals for the re-organization of the Department of Mines and Geology.

Opinion of the Council.

6/2/19.

1) D.S. maybe put in Spekial Duty — Iron schemes. Wood distillation.
2) Offg Directs will be generally responsible to Govt. & may consult D.S.
3) ~~Inspr~~ Explosives Dept may be separated from Geol Dept & may be put under Mines Dept.
4) In regard to grading extra cost maybe calculated - & number of Officers required for all the items of work.
5) Prospecting Staff should be given on commercial lines — retainer & bonus on successful discovery
6). Rough draft under to be prepared on above lines

COS

To the Assistant Secretary, Minor Departments, for necessary action.

ID

may be taken re draft -

COS

7/2

Read instructions 11/2/19.

1/608

G. R. S. III-2

General and Revenue Secretariat. | Geo File No. 69 of 1918-19

Serial No.

A rough draft embodying instructions in paras 1 to 3 of Council resolution is put up. [redacted]

12 The extra cost immediately as a result of Dr Smeeth being placed on special duty will be about Rs 500 p.m. in acting allces to the Officer who will be acting in the Director's place & the Asstt Geologist's place and allce to the Ch. Insp. of mines in Myore if he is given the allce which he got during Dr Smeeth's absence on deputation. If Dr Smeeth's proposals re- revision of grades are sanctioned the immediate extra cost to Govt will be about Rs 900/- p.m. taking into account only the starting pay of the new grades and making no new appts. The cost that will be involved in the proposals being fully accepted, calculated according to financial rules is being worked out & will be subd tomorrow

13 The instructions about the prospecting staff working on commercial lines will have to be embodied in the later order re- the revision of grades of this deptt.

It is now put up. (Vide flag S) JMW 17/2

Chief Secy is 2nd member P.T.O. JMW 14/2

4596-20 17-2-19

NOTE—Contn. sheet.

CSS 16/2/19 17/2

11688

G. R. S. III-2

General and Revenue Secretariat.

Gen. File No. 69 of 1918-19

Serial No.

15 The Dom. may be considered in Council if the Dewan approves.

16 The arrangements proposed the made to give relief to Dr. Smeeth & divide the present department into two independent departments dealing with Geology & Mines (including explosives) respectively, seem to me to meet the requirements of the case. 17 The list given for Dr. Smeeth to work at is a formidable one & would require several long years to get through. Work may however be taken up in the order of urgency & necessity, agreeably to an understanding on the point.

Reel
19.2.19.

18 Dewan

V.J. 19/2/19
Dewan
20/2

19 I think this case ought to disclose the facts of Survey & Trial-borings & Prospecting work so that we may be fully seized of the whole scheme Complete & If Opinion also obtained before putting it on the Council Table

V.J.

NOTE—Contn. sheet.

G. R. S. III-2

General and Revenue Secretariat. | Geo File No. 69 of 1918-19

Serial No.

If Submitted for instructions. If approved a proposition shd maybe called for — to be sent thro Comptroller — or details of revision maybe informally discussed with Dr Smeeth before a proposition shd be asked for —

2nd member

24/2/19

4840-264
25-2-18

Dr H- is no use calling for a proper Statement from the Department in the usual course. for the result can easily be imagined. The Fin Dept with have the spoken & prevarications in the matter. The grosses vo were discussed by Dr. S with me before he submitted his note of Govt. But it will be better if the whole question is discussed informally with the Fin. Secy & the Director before the latter is directed to furnish proper Statements in the usual course. In this way the Scheme may get a chance otherwise it will not. The Ch. Secy may take action on these lines also. I shall be glad to speak to him also previously meantime much valuable time is being lost & I should like to urge the

NOTE—Contn. sheet.

G. R. S. III-2

General and Revenue Secretariat. | Govt File No. 69 of 1918-19

Serial No.

advisability of (1) posting Dr. Smeeth on special deputation without any delay, & (2) bifurcating the two sections & making arrangements for their administration in the same manner as it was done during Dr. Smeeth's recent absence in Europe & America on leave & deputation. Unless this is done I am afraid much time & energy will be expended to no useful purpose

Dewan. Rec'd 26.2.19

Govt 27/2/19 Rec'd 1/3/19

24

The suspensions in Council have not been carried out. Exhaust has the calculated proceeding now the funded finding has been fixed to draft party proceedings I am sorry that an order report Dr Smeeth on Govt duty cannot be independently carried out the Def. of the Geological & Mining section - There are the very material

NOTE—Contn. sheet.

G. R. S. III-2

General and Revenue Secretariat.

Genl File No. 69 of 1918-19

Serial No.

Changes in the org. of the Dept which have been proposed & submitted for Govt approval

2 The subject of 14/- Summing marks these remarks changes - what any discussion & reference to the marks

3 The re-org. of the Dept & big marks & a full Complement was may be posted under orders of the 2nd member -

Each will point no designation of all these different subordinate their pay & functions the desirability of scaling & mining & defining the Smelter position clearly as head of work

Pay has been fixed with ref to pay of the Geol Dept & the prospecting Re-org schemes have been thoroughly gone into in all

NOTE—Contn. sheet.

G. R. S. III-2]

General and Revenue Secretariat.

Govt File No. 69 of 1918-19.

Serial No.

The respect - meeting every
point - that they may wish
wheat for the next 10 years
and financial effect has the
Calculated on the whole
The Chief Secy will kindly
take the matter & place before
Council in 2 weeks

28 Apl

Yr
2/3

Please prepare a rough draft
& discuss with me. If any visits are
necessary please bring up in person

2 To the comptroller to Govt
No 6, 195-60 & 6-3-19.
Forwards for verification & early return a
proposition statement for the revision of the staff of the Gold Mining Dept.

Yrs
8/3.

The rough draft order which I submitted to
the Chief Secy today is put up
in person

So the order to be really complete must be
more fully with the work of the Department,
but we have not received any proposals
regarding the work from Dr. Smeath. He
says he will send proposals about work when
Govt have given their general approval to the
principle. As this is not possible, I have
put up a draft calling for Dr. Smeath's

NOTE—Contn. sheet.

G. R. S. III-2]

General and Revenue Secretariat.

Geol File No. 69 of 1918-19

Serial No.

proposals [illegible] the work of the Dept corresponding to the staff & grade he has proposed. It may be appropriate

Sec
7/3/19

Accepted
31. 2nd member
[illegible]

The proposed communication has been issued as a D.O over the Ch. Engr. Esq.

Secl
11.3.19

32 Issued D.O. (Khan Sahib Jamadar)

33 Asst Secy may kindly bring up the other papers in normal discussion.

[illegible]
11/3/19

34 For issue letter
Put up
Sec
[illegible]

3 To The Director, Dept of M & G.

D.O. No Cr 20413 dy 12-3-19

requests that a programme of work mentioning the number of officers proposed by him in his letter of 13-1-19 may be laid up before the 20th inst.

Submitted
[illegible]
12-3-19.

NOTE—Contn. sheet.

GOVERNMENT OF MYSORE

DEPARTMENT OF MINES AND GEOLOGY,
MYSORE STATE.

Bangalore, 17th March 1919.

Dear Mr. Raghavendra Rao

I have been going over the conclusions which we arrived at last Friday about the Reorganization.

There are a few points to which I would like to again refer in connection with the Draft Order now under preparation

For the Junior Inspection of Mines we arranged a grade of 150 20 250 I'm afraid this will not do - it is much too rapid. We had better make it 100 - 15 - 250 the same as Sub assistant Geologist but with

Ch. Secy. with compliments
I shall be glad to know if
a talk about it before
the Board G.O

17.3.19

17.3.19

a Gold Fields allowance of Rs 5-
with regard to Mr. Sellers I think we
might make him Inspector of Explosives
and Statistician He has been merging
the returns of mineral output, labour, royalty
&c and he might continue to do so
under Mr. Bracquet supervision who
would coordinate the whole of the returns
We will have an assistant on 100 - 15 - 200
with headquarters at Bangalore to be
trained up in the Explosives and Statistical
work This will be better than having
the returns from Mines & Prospecting Blasters
mixed up partly in the Geological Office
and partly in the Mines Office
We arranged to give the Inspector Mines

2. Re Bracquet

3 How can he provision with this?

500 40 900 + 100 L. A.

Mr. Banerjee, I think wished to make the maximum 500 in view of future incumbents and if he is desirous of adhering to this we might make the grade 500 50 800 + 100 L.A. and I would then ask that Mr. Bedwinth might be granted a personal allowance of 100 as at present

He has been drawing Rs 850 for some years made up of Pay 700 + 100 P.A. + 50 House Rent and he might start on Rs 750 + 100 P.A. & 100 L.A. He has been a very satisfactory Officer. I trust these suggestions will facilitate the drafting of the order.

Yours sincerely

P.T.O.

Mean proposals are reasonable.

With regard to the post of Registrar or Asst
Accountant to the Director - the post is an
arduous one involving much responsibility
and I do not think Rs 150-200 quite gives
enough. Might I suggest as a compromise
Rs 150-10-250 I see that Registrars in
the Govt. Secretariat get Rs 250 + allowances
and in our small Dept. the Registrar acts
not only as Head Asst but very much
as an Assistant Secretary. We want him
to relieve the Technical Head of as much
routine and Office work as possible.
The present incumbent is drawing 140 and
has had 22 years service. I offer these
suggestions for your favourable consideration
and if you do not approve we might
take the alternative of giving him
the maximum of Rs 200 at once.

15

17002

G. R. S. III-2]

General and Revenue Secretariat. | Geol File No. 69 of 1918 - 19.

Serial No.	
4	To the Controller to Govt No 6 2911 dt 19-3-19 Forwards two alternative proposals Statements in the place of the one sent vide Sl no 2, for verification & return.
5	From the same office No Sts 2753/ 17-3-19 Returns the proposals Statement sent vide Sl 2 duly verified.
6	From the Director of Mines & Geology D.O. no 2803 dt 20-3-19 Forwards a general programme & scheme of work for the dept called for in Sl 3
7.	From D/F Subs Ch Secy 26.3.19. To the Director. Calls for certain proposals re prospecting on a commercial basis
8.	From the Controller. Forwards verified Prop's Sl part with Sl. 4 above.

26.3.19.

37 A draft order is prepared & submitted for approval or further instructions.—

2nd member)

5764-3-19
28-3-19

USY
26/3/19
Secy

38 I shall be glad to hear if the G.S has been shown the draft informally & his remarks, if any, obtained.

Secy
29.3.19.

NOTE—Contn. sheet.

39 Reply D.O. letter dt 28-3-19 sent

Secy
31/3/19

Some dft appd by the Ch. Secy
vide his note dt 31.3.19.
Secy
9.2238 dt 2.4.19

17542

ND 1233—GPB—60,000—1-12-16—S.

G. R. S. III-2]

Orders re Dr Smeeth being placed on Spl Duty

General and Revenue Secretariat.

Genl File No. 69 of 1918 : 19

Serial No.

Draft order placing Dr Smeeth on Spl duty put up for consideration

Rec
29/3/19

(Chief Secretary)

For perusal & further instructions

2nd member

5917-53
3.4.19

Rec
4/4/19
Rec
3.4.19

The draft seems to me to be suitable.

Rec
4.4.19

Dewan.

Vide Chief Secy's note, Secy to Govt's note and Second Member's remarks on note attached — (Routine note next page) — May the file now be submitted to Hon'ble Dewan? Their order thereon Reorganisation Order may be considered together. Dr Smeeth has not yet sent his representation (the draft order that was forwarded to him for opinion

Yes.

Warrant to be issued accordingly
12/4/19

Rec
12/4/19

(Chief Secr)

Return of the file to Reorganisation

Rec
14/4/19

NOTE—Contn. sheet.

G.R.S. III—3]

Geol 69-12.

Routine Notes.

[To be used only for notes, requisitions, etc., not intended for permanent record.]

---

the Managing Board will be responsible. I beg to suggest that only ⅓ or ½ the cost may be debited to the Loan Scheme

B

Chester 6/4/19

The bulk of Mr S's work will be done for the Loan scheme & ⅓ to ½ may be debited to it.

2nd Member)

6146-282
11.4.19

As regards apportionment 6/4/19
4 page. I agree with the
Ch. Secy in the new Sr expenditure
The pencilled modification
suggested may be accepted tho
I have my doubts about the
wisdom of the proposed practice Rell 12.6.19

N.B.—Should routine notes be written on small slips, the notes must be copied, or slips pasted on this form.

18

Department of Mines & Geology,

Dated, Bangalore, 7th April 1919.

Dear Mr. Balasundaram Iyer,

With reference to your D.O.No.G.21184, dated 22nd March 1919, about obtaining prospecting work from the Prospectors for the Department, who will be paid retainer and bonus on successful discovery, I have thought over the matter very carefully and I cannot at present see my way to formulate any scheme. I do not know exactly what the idea is or upon what basis we could entertain such men. The proposal is a difficult one and would require very careful consideration and probably also consultation with the people engaged in prospecting work before it would be possible to formulate any proposals. In view of this I would earnestly beg that the reorganization scheme should not be delayed or complicated by endeavouring hastily to include such a scheme.

With

P T O

NOTE—Contn. sheet

G. R. S. III-2]

General and Revenue Secretariat. | File No. 69 of 1918-19

Serial No. 816

From Dir Ind'g.

D.O letter no 3005 d 11.4.19 ~~from Dir Ind'g~~ in reply to G 22258 d 7.4.19 (816)

44 Submitted with the remarks of the Dir Ind'g. in regard to the draft Note with Govt. G.G & D. S's special duty is likewise. (Second Member) Bno 14/4/19

6208-345 15.4.19

45 Except in the matter of prospecting D. Sinclair's remarks are acceptable. As regards Prospecting, while there is much to be said in favour of the system proposed by Sir S. it seems to me that it is desirable to defer passing orders on it immediately. It may be considered & dealt with separately later.

Reel 16.4.19

46 Draft order may be considered in Council & if approved generally it might be circulated & case further dealt with by circulation

Deiwan 17/4/19

Suggestion in appendix circulated 21.4.19

NOTE—Contn. sheet.

G. R. S. III-2]

General and Revenue Secretariat. | Geo File No. 69 of 1918-19

Serial No.

5/4 only, may also be brought up

4/4

19.4

48 The file with the chapter &c is linked hereto.

Dewan

21.4.19.

NOTE—Contn. sheet.

G. R. S. III-2.

General and Revenue Secretariat.

fesl File No. 69 of 1918.

Serial No.

Subject.- Re-organization of the Department of Mines and Geology.

---

49 Instructions in Council on 24th April 1919.-

" Consult Financial Secretary"

" Keep expenditure down to Rs1000/- p.m."

CBK 25/4/19

NOTE—Contn. sheet

G. R. S. III-2.

General and Revenue Secretariat.

Fesl File No. 69 of 1918.

Vide proposition statement Flag A

Serial No.

§ 4 Under the re-organization of the Department of -- Mines and Geology the Second Member of Council has -- proposed a revised scale involving a recurring additional expenditure of Rs.2030/- per mensem.

§ 5 As instructed in Council on the 24th April 1919, I went through the proposals to see how the extra expenditure can be brought down to Rs.1000/- per mensem.

§ 6 There is provision for 3 Asst. Geologists - one of whom will be supernumerary; but Mr. Sen who will -- hold one of these places will act as Supdt. and his place as Asst.Geologist will not be filled at once. So there will be a savings of --------- Rs.398 1/3 p.

1

§ 7 Provision is made for 6 Sub--- Asst. Geologists. But there are only 3 men in that grade now and the 3 new places will not be filled up till the probationers of the Dept. qualify themselves. There will therefore be a --- savings of ---------- " 1575 p

2

§ 8 It is not proposed to fill up at once the new appointments of Junior - Inspector of Mines and Assistant ---- Inspector of Explosives. There will thus be a savings of ---------- " 191 2/3

3

" 5

" 191 2/3

Total " 1406 2/3

NOTE—Contn. sheet

Yes. Assumptions 1. 2 & 3 are correct. In fact this is the understanding on the point. The places will be filled as gradually as both increases & men are available & not altogether or immediately Resl

C.568

3

662

G. R. S. III-2.

General and Revenue Secretariat. | Pol. File No. 69 of 1918.

Serial No.

57 Accordingly the immediate effect of the re-organization will be an additional average expenditure of -- (Rs.2030 - Rs.1406⅔) Rs.623⅓ per mensem. But the -- expenditure will be actually less than this, as the -- Director, Deputy Director and Superintendent will be acting and will not draw the full pay of the appointments. If approved a paragraph will be added to the draft to the above effect. Fin. Secy. consulted.

6774-130
6.5.19

2nd Member

6/5/19

56 approved.
I should like the making expedited, so that it might be possible to obtain Ld. Sanction for effect being given to the Scheme from 1st July 1919.

7.5.19

57 Secy. with compliments for opn.

Re. 2615-18

2133
19.5.19

7/5/19

7/5

NOTE—Contn. sheet

P.T.O.

G. R. S. III-2]

General and Revenue Secretariat.

Geol File No. 69 of 1918.

Serial No.

1. The extra cost of 2030 per mensem is debitable partly to the group Civil Administration and partly to Supervision of Mines as shewn below:-

Supervision of Mines 661 2/3
Scientific & Mis: Depts - Geological dept } 1368 1/3

2. A lump sum provision of 8,000 under 14 Scientific and ~~Minor~~ Miscellaneous – Geological Department, and of 3,000 under 7 Supervision of Mines, for revision of establishment was proposed by the department for inclusion in the budget 1919-20, along with some other items, but the said 2 provisions were cut out by Government.

3. According to the budget for next year as now framed a special grant of 54,000 has tobe made to the group Civil Administration to provide for a closing minimum balance of 42,000 at the end of the year 1919-20.

4. Proposals for revising the Geological Department so as to involve increase in recurring ~~Government~~ cost cannot therefore be financially entertained.

Moreover the level of the mining revenue has already fallen by 2 to 3 lakhs owing to rise in exchange etc., and the recent further

NOTE—Contn. sheet.

G. R. S. III-2]

General and Revenue Secretariat. | fcol File No. 69 of 1918.

Serial No.

rise to 1sh. 8d. may bring the revenue down by 2 to 3 lakhs more. This is, therefore, a very inopportune moment for increasing the expenditure in the Mines Department.

5. Turning now ~~to~~ to the details of the revision proposals, it will be seen

(1) that the departments of Geology and Mining was last revised only 4 years ago; there are several departments of Government e.g., Excise department, which have not undergone any revision for much longer periods.

(2) No immediate increase of staff is required. The proposition statement provides for an ultimate addition to the present scale of 3 officers in the Geological Department and 2 in the Mining Department The main object of the revision is, therefore, increase in pay and prospects of the higher officers of the department. The practice of sanctioning appointments not at present required and not intended to be filled up immediately is most objectionable from the financial point of view. Such appointments may be cut out from the Scheme and only what is immediately required may be provided for.

(3) The post of Director of Mines and Geology on 1500-1800is proposed to be split up into 2 appointments on 1200-1400, but as Dr.Smeeth will

(1) The revision was very partial & inadequate. Sufficient Staff was not provided to carry out the programme laid down. The present proposals are meant to carry out the programme to a large extent

(2) Immediate increase of Staff is not proposed, because such increase is impossible as men have to be trained. Men from outside will cost a great deal more. Unless the places are provided it will be impossible to go on with a scheme of regular training & development. If the posts not to be filled at once are cut out of the scheme the dept will have to come up for revision in 2 or 3 years again. The work of the Dept requires a certain amount of continuity & this will not exist if revisions have to be made every other year.

CM

NOTE—Contn. sheet.

G. R. S. III-2]

General and Revenue Secretariat. | Geol File No. 69 of 1918

Serial No.

will continue to hold the substantive office, and be on special duty, it does not appear to be correct to take the full cost of the appointment as savings. 2/3rds of his pay during the special duty is debitable to Iron Scheme and 1/3rd equally between the Departments of Geology and Industries and Commerce. As Dr. Smeeth continues to be the responsible adviser to Government in the departments of Mines and Geology and a portion of his pay debited to those departments, it would be financially open to objection to fix the pay of the Director of Geology and Chief Inspector at 1200 - 1400, the pay of a Head of Major Department in Mysore. The pay of the Sanitary Commissioner is 1,000/-, and that of the Comptroller 1000-100-1200.

(4) In a department of limited cadre, it is desirable to fix a fairly long incremental scale to avoid stagnation. The minimum period for increments in progressive appointments is 5 years The pay of 750-50-900 proposed for 1 Deputy Director in place of 1 Senior Geologist on 400-30-700 cannot be financially agreed to.

A grade of 500-50-800 would be more suitable and in keeping ~~to be~~ with the corresponding appointment in the Mining Branch and that in other departments of Government.

Portion of pay debitable to Dept may be taken into calculation

The pay of these appointments may perhaps be fixed at 1000-50-1200 Rs

Instead of one Dy Dr on 750-900 & one Supdt on 500-700, we may have 2 Supdts on 500-50-800 Rs as suggested by H Secy

NOTE—Contn. sheet.

G. R. S. III-2]

General and Revenue Secretariat. | File No. 69 of 1918

Serial No.

The appointment of a Superintendent viz., 500-700 as an intermediate grade between the Deputy Director and Assistant Geologist is also open to financial objection.

The pay of the officers of the Mining Branch is fixed after taking into consideration the fact of ~~those~~ them having to reside at the Kolar Gold Fields, and the grant of additional local allowance on account of the costliness of the place is inadmissible.

(5) The extra cost of 2030 per mensem is proposed to be limited to about Rs.1000/- per mensem by not filling up 5 or 6 appointments provided in the scale - for the present. But this factor should not be taken into account in calculating the true financial cost, in the same way as the difference between the average cost and the minimum pay of progressive appointments, on the understanding that officers will soon after appointment begin on the minimum pay of the appointments.

(6) Draft order No. 2. No financial objection, subject to remarks in para 5 (3).

Chief Secretary) May perhaps be considered in Council.
2nd member)

Yes. if he does not approve,

N. B. H. Evans tone that Mr. S. may be asked to take steps to meet the criticisms of the Fin. Secy.

NOTE—Contn. sheet.

In the proposal it has not been to fixed, since the salary is nearly the same as that proposed for corresponding grade in the Geol Branch. If L.A is not to be given the pay will have to be correspondingly increased to a large extent.

17009

2?

G. R. S. III-2.

General and Revenue Secretariat. | Fort - File No. 69 of 1918.

Serial No.

64 Dewan

CSS
23/5/19
Thus
23/5/19

Maybe Considered in Council
Some of the objections are difficult
to get over. Perhaps the Ad
branch may note on them
first

CJ
23.5

Reference to 2nd number for comments
of marginal remarks made by me on the
points raised by the Sec'y. Perhaps Dr S
may be consulted before the meeting

64
This may be done.

(Second Member)

7510-467
30-5-19.

65 I am generally in agreement. CSS
29/5/19
Thus
30/5/19.
with the marginal remarks made
by the Ch. Secy. I also suggest that the
Hon. Secy & Dr. S. be in present at
the Meeting of the Council when the subject
is discussed.

Thus
31. 5. 19

CB.
~~Agreed~~.

66) Please kindly communicate (D.O.) a copy
of the Secy's note to Dr S & request him to furnish
forthwith a note on the points raised.

67) The file may then be circulated by ~~C Section~~

CSS
31/5

NOTE—Contn. sheet

Cl. Keep on file

DEPARTMENT OF MINES AND GEOLOGY,
MYSORE STATE.

CONFIDENTIAL.

Bangalore, 4th June 1919.

No. 3522.

From Rec'd 5.6.19

Dear Sir,

With regard to the Financial Secretary's Note on the Reorganization of the Department of Mines and Geology, dated 19th May 1919, forwarded with your D.O.No.1534, dated 2nd June 1919, I beg to offer the following remarks.-

2. My proposals for the Reorganization of the Department were forwarded to you with my No.1854, dated 13th January 1919. These proposals were subsequently discussed with the Dewan and with the Second Councillor and yourself and a modified scheme adopted in which the number of officers and the pay of certain grades were reduced compared with my original proposals. I believe that the Financial Secretary's note relates to this modified scheme of which I have not got a copy. I believe, however, that I remember the details sufficiently to offer the following remarks.

3. In para 5 (1) the Financial Secretary observes that the Department was reorganized 4 years ago. That is true, but the reorganization was quite unsatisfactory and did not secure the desired objects of dividing up the work of the Department into its natural branches and allocating definite responsibilities to definite officers. Neither did it provide a complete and satisfactory grading of officers with sufficient pay to attract suitable men.

4. My own approaching departure renders it imperative that a suitable organization should be provided for the work, which Government desires to have carried out. Hitherto I have been a sort of maid-of-all-work for the Department, doing a bit of everything, cleaning up messes, and saddled with responsibility for everything. This situati has long been most undesirable and it has now got to come to an end by force of circumstances. A suitable reorganization is a necessity to

provide

provide for the future and I have given to my proposals my most careful and disinterested consideration.

5. In para 5 (2), the Financial Secretary states that no immediate increase of staff is necessary. I do not know on what this statement is based. The additional officers asked for are required immediately, as soon as ever we can secure suitable men and train them. The vacancies shown in the statement submitted by me are vacant merely because we have not got sanction of Government to fill them up.

6. In para 5 (3), it is stated to be financially objectionable to fix the pay of the Head of the Geological Department and of the Head of the Mines & Explosives Department at Rs.1200 - 1400, because ~~of~~ certain portion of my pay while on special duty is to be debited to the Department of Geology. This does not strike me as reasonable. The pay of these two posts has been fixed with reference to the requirements of the Departments and the class of men which it is necessary to attract and retain. In both cases, the salary is fixed at a low figure for the qualifications demanded and far below the scale adopted in British India for similar appointments. The size of the country has nothing to do with it - that affects chiefly the size of the Department. The work to be done is of the same highly technical character and responsibility in each case and unless Mysore is content to let the work dwindle to second or third class, high class Heads must be secured and paid accordingly.

7. As to a portion of my pay being debited to the Department of Geology, I may point out that this will be more than compensated for financially by the fact that the Senior Officers of the Department will be drawing only the pay of their grade and acting allowances instead of the full pay of the posts in which they are acting. The fact that I continue as incumbent of the post of Director of the Department of Geology is chiefly a matter of convenience in order

order to bring the Senior Officers into their pay and responsibilities gradually instead of at a jump.

8. My post will be of the nature of Technical Adviser to Government and if the Department was fully organized and in full swing it would form a distinct and separate post not forming part of the regular cadre of the Department.

9. It is intended that the Heads of the Departments of Mines and Geology should at once accept responsibility for the work under their charges, but there is nothing to prevent Government consulting me on any matter of technical or administrative importance connected therewith apart from or in addition to the special work which I shall be doing.

10. The pay of the Heads of these Departments cannot suitably be placed lower than I have suggested. I don't understand what constitutes a Minor Department, but the Departments of Mines and Geology are by no means minor in respect of the qualifications of the officers required to direct them

11. With regard to para 5 (4) - it is not correct to suggest that the post of Deputy Director on Rs.750-900 is in place of one Senior Geologist on Rs.400-700. We require two men between the Director and the Assistant Geologists. For one of these, I adopted the term 'Superintendent' which I subsequently changed to 'Senior Geologist' with a pay of Rs.500-700. (This follows naturally on the Assistant Geologist grade of Rs.300-450).

12. The senior of the two posts - viz, Deputy Director, then follows with Rs.750-900 and more or less corresponds with the intermediate posts held at various times by Dr. Evans, Mr.Wetherell and myself, in which the pay varied from Rs.600 to Rs.1200. Had Mr.Wetherell remained he would have been entitled to Rs.700-1000 and the post I have now proposed is a logical successor to this. Were we to lengthen the grade for Deputy Director to Rs.500-800

we

we would have to put the Senior Geologist on practically the same pay as he must start above the Rs.450 which an Assistant gets and there would be undesirable overlapping of the Deputy and Senior grades.

No comparison with the Mines Branch is possible as there we have only one post to deal with and it is not only possible but necessary to extend the incremental scale.

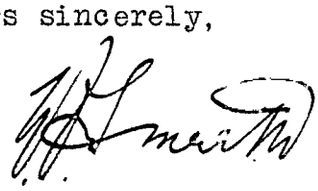
13. With regard to the Mines Branch, it is not correct to say that the pay has been fixed so as to allow for costliness of living. This is not so and it will be seen that the grades for the Mines Branch are practically the same as for the Geology Branch and hence the necessity for adding the local allowances.

14. Para 5 (5). As already pointed out, this is not the case. The appointments will be filled up as soon as sanctioned, as the men are urgently required.

15. In conclusion, I think I may say that all of the Financial Secretary's objections amount merely to the statement that the suggested reforms and improvements are "financially objectionable"- in other words, that they cost money. This is no doubt a sound financial argument but absolutely sterile as regards advance or improvement. Government want more and more work done - the present staff and equipment is totally inadequate to the demands - the only alternatives are to increase the staff both in quantity and quality or reduce the demands.

I have endeavoured to keep our demands within the most reasonable limits possible.

Yours sincerely,



C.S.Balasundaram Iyer, Esq., B.A.,
Chief Secretary to the Government
of H.H. the Maharaja of Mysore,
Bangalore.

D(8) 33

C.568

Su t.-Clause of the Schedule.

Re-organization of the Departments of Mines and Geology.

68 Opinion of the Council.

Engineering Branch

Director 1200 - 50 - 1200

Superintending 1000 - 50 - 1000

Inspectors 500 - 25 - 600

Assistants 300 - 25 - 450

Sub-Assistants 125 - 12½ - 250

Draftsmen 75 -

Chief Office

1200 - 50 - 1200

Deputy 600 - 40 - 800

Assistants 300 - 15 - 450

Junior 125 - 12½ - 250

Typists & Clerks 400 - 30 - 700

Office Boy 125 - 12½ - 250

Geological Branch

Director 1200

Superintending 1000

Inspectors 500 - 50 - 600

Assistants 300 - 25 - 450

Sub-Assistants 125 - 12½ - 250

Draftsmen 75 -

Chief Office

1200 - 50 - 1200

Deputy 600 - 40 - 800

Assistants 300 - 15 - 450

Junior 125 - 12½ - 250

Typists & Clerks 400 - 30 - 700

Office Boy 125 - 12½ - 250

69 Secretary and Finance Branch

Director 1200

Superintending 1000

Inspectors 500 - 50 - 600

Assistants 300 - 25 - 450

Sub-Assistants 125 - 12½ - 250

Draftsmen 75 -

Chief Office

1200 - 50 - 1200

Deputy 600 - 40 - 800

Assistants 300 - 15 - 450

Junior 125 - 12½ - 250

Typists & Clerks 400 - 30 - 700

Office Boy 125 - 12½ - 250

Recruitment

Ref no 9.
To the employer No & 28475 & 24-6-19
forwarded a proposal & return.
for verification

Copy verified Compt. is expected today and will be put up before noon to Mr. Mr 7/6.

70 Clerical copies of drafts regarding reorganisation and Dr. Smeath's special duties put up. Proper stt also put up

Mr

Chiefs 7/6

P.T.O

2292

G. R. S. III-2.

General and Revenue Secretariat.

Geol (File No. 69 of 1918-19

Serial No. 10.

from the comptroller No books 3507 A 26-6-19
Returns the proposition Statement duly signed

7] The proposition 8tt verified by the Comptroller is put up.

7] The extra cost is shown in it as Rs 555/- p.m. To this has to be added a sum of the pay of Dr Smeeth on special duty. viz Rs 666 2/3 p.m. The total extra cost in the Geol. Dept. involved in the whole arrangement is therefore Rs 1221 2/3 p.m.

Sec 26/6/19

Ch Secy)

73 The proportion & scale of establishment have been revised as instructed in Council.

74 The 2 diagrams may be approved by circulation.

2nd member
3rd member
1st member
Dewan

CSY 29/6/19 Sec 30/6

8289-435 30.6.19.

75 The docs are suitable. I think.

Sec 30.6.19.

Sec 1/7

5568 1.7.19.

76 Appd WB 1/7

77 I agree 3-7

41 2.7.19

78 Arrange Mcane Circulate as proposed.

1/7

NOTE—Contn. sheet.

DTO.

G. R. S. III-2.

General and Revenue Secretariat. | Geol File No. 69 of 1918-19.

Serial No.

79 D/R put up for appl.
Secd member)
Sec
6/7/19

172.172
7.7.19

80 D/R approves
Sec
8.7.19

81 Immediate extra cost worked out and noted below:

	Rs
Director	− 126 2/3
Senior Geologist	+ 150
Junior "	+ 573 1/3
Asst Geologists	− 53 1/3
Field Asst "	+ 66 2/3
Office Assistant	+ 50
Chief Inspectors of Mines	− 20
Inspectors of Mines	− 66 2/3
Assistant Inspectors of Mines.	+ 173 1/3
Difference	= 1013 1/3 − 266 2/3 = 746 2/3

Appoints which will not be immediately called

	Rs
Junior Inspectors of Mines	200
Asst Inspectors of Explosives	200
Probationers (if appointed now)	75
	475

Approximate immediate extra cost = 746 2/3 − 400 = 346 2/3 per mensem = 4160 per annum.

requesting the total emoluments of the present Chief Inspr of Mines separately raises
Sec
6/7

Sec
10/7/19

D/R Secd
10.7.19

83
D & V. Supdt.
Sec
11/7/19
Dewan

C&S
11/7

NOTE—Contn. sheet

G. R. S. III-2.

732 90

General and Revenue Secretariat. | Geo File No. 69 of 1917 : 19

Serial No.

Pay of the Chief Inspector of Mines.

Q & A.

Mr Boogaert, Ch. Insp^r. of Mines is now getting Rs 1000 + 100 + 150 l.a. or in all Rs 1250 pm
In the ~~reorganisation~~ order reorganising the Dept now being sub to H.H. approval the pay of the appt^d of Ch Insp^r of Mines is fixed after consideration in Council as Rs 1000 50 - 1200 pm and there is no local allowance attached to the appointment.
It is for orders whether this ~~question~~ of the total emoluments of Mr Boogaert may be considered now and he be given Rs 50 local allowance to ~~make~~ enable him to retain his present emoluments.

Rec
6/7

(Ch Secy)

Recd back today
Rec 11/7

In the order of reorganisation there is no provision for local allowance to the officers of the Mining Dept. The pay originally proposed was proposed after taking into consideration the cost of living at the time

NOTE—Contn. sheet

Serial No.

Fields. But the pay was after wards slightly reduced in council for some of the appointments. Hence perhaps some local allowance may now be allowed to the appts in the mines dept.

In any case de Bocquet would have to be given Rs 50/- more to make up the emoluments he is now getting and perhaps it may be called a personal allowance.

for order

Chiefly

11/7

This question has been settled in the Examination Dept. Returned to A.D. Branch

Put with the papers when rec'd

Sec to H.E. CHIEF SECRETARIAT 9/8.

A.D. Branch

MINCP Depts.

AUG 1919

Final Note by the SECOND Member of Council.

84

Subject:—

Re-organization of the Department of Mines and Geology.

In para 21 of order, No.G.8445-93/G.M.292-14-1 dated 9th February 1915, reorganizing the Geological Department, as approved by His Highness on 19th January 1915, the Director, Department of Mines and Geology, was requested to submit, for the approval of Government, a programme of work for the Department for the following ten years. Dr. Smeeth accordingly submitted a tentative programme of the work of the Department, not for ten years as required, but covering the whole of the work remaining to be done under Geological Survey and Exploration and for the following two years for mineral exploration and survey, besides including certain proposals for the development of mining and metallurgical industries, inspection of mines and explosives. Orders issued on this programme, on 25th July 1917, approving the work proposed under mineral exploration and survey, and, issuing instructions on other matters referred to in the programme, and directing that, if any additional staff was necessary for developing the work of the Department on the lines approved by Government, suitable proposals ~~might~~ be sent up. As Dr. Smeeth proceeded on long leave for eighteen months in October 1916, Mr. Jayaram, who was appointed to officiate as Director of Geology during Dr. Smeeth's absence, submitted, in January 1918, a programme of work for the following ten years, according to the instructions issued in Order No.G.987-9/G.M.292-14-5 dated 25th July 1917, along with certain proposals for the improvement of the prospects of the staff. As these proposals related to very important matters, the then Second Member, - (in January 1918)- now Officiating Dewan, thought that orders on the proposals regarding the programme might be deferred pending the return of Dr. Smeeth. On the proposals for the improvement of the prospects of the staff, the Officiating Director was asked to obtain and submit the opinion of

39

of Dr. Smeeth..

2. When Dr. Smeeth returned to duty, he submitted, after discussing the matter with me personally more than once, with his letter No.8054 dated 13th January 1919, certain proposals regarding the reorganization of the Department, mainly with a view to the separation of the Departments of Mines and Geology and their being placed under two independent officers, he himself being placed on a sort of special duty so as to be free from the routine work of the Departments and have more time for Scientific and Technical work. He was at first of opinion that the programme of work for the Department might be drawn up after orders issued regarding the proposed revision of staff and I agreed; but, as the Dewan suggested that the revision of staff and the programme of work might be dealt with together, a programme of work to suit the proposed revision of staff was called for and received with Dr. Smeeth's letter No.2803 dated 20th March 1919. It is these proposals for the revision of the staff and the work of the Department that are now submitted for the orders of His Highness.

3. The reorganization of 1915 laid special emphasis on the production of minerals and the development of metallurgical industries on a commercial scale as part of the work of the Department and improved the prospects of the staff somewhat, but to carry out the policy then laid down and to meet the needs of several branches, it is very necessary to make a more thorough reorganization. Time has arrived for splitting the Department into two separate and independent ones. There is stagnation in the Department owing to its limited personnel, and the Department has lost much of its former attractiveness for really good young men. The Geological survey of the State, equally with mineral exploration, should be carried on systematically and continuously. Provision has to be made for representatives of the Department being placed in the Districts to attend to its interests

interests promptly, and to supervise the activities of prospectors. With regard to Dr. Smeeth himself, as he will not be able to continue here for more than another couple of years, it is desirable to get the most, and the best, of him during the period, and, with this object, to relieve him of the routine work of the Department so as to leave him entirely for work of a special nature.

4. With the above objects in view, the proposals made by Dr. Smeeth have been fully considered in Council and draft orders in accordance with their views put up, one placing Dr. Smeeth on special duty, and, the other, splitting the Department of Mines and Geology into two Departments and allocating definite work to each.

5. The order regarding Dr. Smeeth's special duty is fully explanatory and defines, in detail, the work he will have to do in connection with (1) the proposed independent Departments of Mining and Geology, (2) the Iron Scheme and (3) certain special schemes which he studied while on deputation. It is proposed to give him certain staff also for the present. This may be revised and definitely fixed later when proposals are received. His pay during the period of special duty will be debited-one third to the Departments of Mines and Geology, one third to the Department of Industries and Commerce, and one third to the Iron Scheme.

6. The order regarding the reorganization deals first with the revision of the staff and then with the work of the Departments. The total effect of the proposed revision of staff is that there will be four officers more, when all the appointments are filled up, the extra cost being Rs.14,660/- per annum, including the share of Dr. Smeeth's pay to be debited to these Departments. It is not proposed to fill up all the appointments newly sanctioned immediately, but, to keep them vacant until such time as suitable men have been trained

trained to fill them up. The immediate extra cost will be Rs.4,160/- per annum, as shown in paragraph 8 of the office notes in the file. This cost is entirely due to improving the present pay of the existing staff. As regards the programme of the Departments, the proposals of Dr. Smeeth are fully adopted. Scientific survey has to be attended to as well as mineral exploration and prospecting, definite staff being allocated to each branch of work. Under mineral exploration and prospecting, one item has been added to the programme proposed by Dr. Smeeth, namely, that arrangements should be made for part of the prospecting work of the department being run on commercial lines. Details under this head have not been yet settled, but a scheme is called for and the exact method of carrying out the policy thus decided on will be settled later. The Department of Explosives will form a part of the Department of Mines. In order that Government may be in touch with the exact work being done in the departments, it is proposed to get, at the beginning of every year, a rough programme of work for the year on the lines generally laid down in the order.

7. The Financial Secretary, who was consulted regarding the proposed reorganization of the staff, is generally opposed to increase of recurring expenditure in the Geological Department, for the reasons stated in paras 1 to 4 of notes on page 21 of notes in the file, and, has raised certain objections to details regarding the new appointments, which are proposed not to be filled up and the proposed pay of the various appointments (Vide para 58 of notes). The main objection that the Department was last reorganized only in 1915 and that this proposal comes too soon after it, is met by the circumstances explained above as necessitating the present proposals. The other objections to details have all been considered and adopted with suitable modifications. The pay now proposed of the various appointments in the proposition statement appended to the order has been adopted in the Council, after a most careful

careful consideration of the suggestions of the Financial Secretary. Dr. Smeeth has also recorded his views on the objections of the Financial Secretary in his letter, No.3005 dated 11th April 1919, put up in the file.

8. The superior staff of the department being now revised, it is necessary to revise the subordinate staff as well, to improve their pay and prospects. Proposals in this regard have been received from the Director, Department of Mines and Geology, and are separately under consideration. They will be submitted for the orders of His Highness in due course.

9. The draft order regarding the reorganization of the Department and the other placing Dr. Smeeth on special duty, which have both been considered and passed in Council, may be graciously approved.

P. Raghavendra Rao
10.7.19

9th July 1919. MEMBER OF COUNCIL.

85 Submitted to His Highness.

I submit herewith a Final Note by the Second Member of Council on the subject of the re-organization of the Department of Mines and Geology, for His Highness' gracious approval.

I have gone into the matter personally and the proposals of Dr. Smeeth have been considerably cut down by me, and as now accepted by the Member in charge and the Council will serve the needs of the Department for some time to come. Dr. Smeeth is not at all keen about the routine work of the Department and it is on the whole, a good idea to utilize his scientific and expert knowledge during the next year or two in the investigation of special subjects. This will also give some chances to the Departmental officers who have heavy work and who do not, under the existing organization, get anything like the pay that scientific men with their qualifications can command in the Public Works Department, Industries and Commerce Department and the University. There is, besides, the advantage of having a graduated scale by which officers can rise to the next higher post after showing good work.

I. G. under disposal

The separation of the Mining and the Geological Branches has been long overdue. I suggested it in a note to Sir M. Visvesvaraya in 1916. The draft order explains the position fully and the allocation of officers in the new scheme appears to me to be satisfactory.

Draft for approval No I

In these circumstances, I beg to solicit the gracious approval of His Highness to the proposals embodied in the draft order and agreed to in Council.

Secy. 27. Office Note

12-7-19

Record of Cases submitted for the Orders of His Highness the Maharaja

Subject.

86 Re-organization of the Department of Mines and Geology.

Order.

86

45

D.O. No. 59
With one file.

THE PALACE,
MYSORE.

22nd July 1919.

Recd 23/7/19
Ch-Ley
Wee

My dear Sir,

87 In the allocation of officers in connection with the proposed re-organisation Scheme of the Department of Mines and Geology, received with Mr. Banerji's Submission Note No. 74 dated the 12th Instant, Dr. Smeeth is proposed to be put on Special Duty, Mr. Jayaram, the Senior Geologist, to Officiate for him as Director in the Department of Geology and Mr. Sampath Iyengar, the Junior Geologist to officiate as Senior Geologist, for the latter Officer.

As there is only a remote chance of Dr. Smeeth's reverting as Director of the Department, after the period of his Special Duty, I am to enquire if it would not be desirable to appoint Messrs. Jayaram and Sampath Iyengar who have put in long service "Sub Pro Tem" in their respective appointments, instead of making them "Officiating" as at present proposed. Can this be done without affecting Dr. Smeeth's lien ?

The file is returned herewith.

Yours sincerely,

R Lamb

Rajasevadhurina

Sirdar M. Kantaraj Urs, C.S.I.,

Dewan of Mysore,

Mysore.

46

GOVERNMENT OF MYSORE

D.O. No. 59

GENL. & REV. SECRETARIAT,

Bangalore, 25th July 1919.

89

My Dear Sir,

I am in receipt of your letter No: 59 dated 22nd July '19, regarding the allocation of Officers in the Re-organisation Scheme of the Department of ~~the~~ Mines and Geology.

In reply to the enquiry you make I agree with you that it would be desirable to appoint Messrs. Jayaram and Sampatiengar sub pro tem in their respective appointments instead of Officiating and this can be done without affect-ing Dr. Smeeth's leave. I am consulting Dr. Smeeth in regard to one or two other points and I shall return the file in the course of a few days for final orders.

Yours sincerely,

25.7.19

2. 158
C.D. / 8 Enel

GENERAL AND REVENUE SECRETARIAT.

Bangalore, 25 July 1919.

Dear Dr Smeeth,

As desired by Dewan I enclose herewith draft order (as finally revised) the reorgn of the Dept of mines & geology for your perusal & kind return

Yours truly,

C S Balasundaram Jr

G. R. S. 12]

47

General and Revenue Secretariat.	Geol File No. 69 of 1918-19
Serial No.	To Dr Sweeth, Director of Mines & Geology. D.O. No 158 dt 25/7/19 Forwards the draft order about the Reorganisation of the Deptt for perusal and Return

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NOTE—Contn. sheet.

GPB—25,000—22-3-15

Rec 087/28/7/19

DEPARTMENT OF MINES AND GEOLOGY,
MYSORE STATE.

Bangalore, 28.7 1919.

Dear Mr. Balasundram Iyer

I am much obliged for the file of papers about the reorganization of the Dept. received with your D.O. of the 25th inst.

The proposition statement accompanying the draft order very materially reduces the pay & prospects of the Senior Officers compared with what was agreed upon in my discussion of the matter with Mr. Banerji (see his own note of the interview in the file) and which was given final shape, with slight modifications, at my interview with Mr. Raghavendra Rao. It was agreed that the Heads of

the two Depts should get 1200 - 1400
and that the Motor Drivers should
have their local allowances.
The proposition statement cuts the
maximum pay to 1000 - 1200 and
omits all mention of local allowances.
I am not prepared to reopen the whole
matter as it has been under discussion
for a long time and it is most urgent
to get something settled.
I make a few suggestions however to avoid
some serious anomalies and defects.
As the senior Officer of the Geological Dept.
will be taking over control and responsibility
it is not fair to leave them stagnant for a

long passed on the much reduced numbers now proposed.

I suggest that the acting Director, Deputy Director & Senior Geologist should have their posts sub-par. Gen.

I notice that the title Deputy Director has been dropped and Senior Geologist substituted and that a new title of Junior Geologist has been put in instead of Senior Geologist. This is most inappropriate and I request that my original designations may be adhered to.

I wish the Deputy Director to take a definite share in the administration and be able to dispose of routine and ordinary matters when the Director is on tour so as to have the latter less occupied with them when he is trying to get out on tour or to attend to technical work.

The next grade of Senior Geologist is a suitable successor to Assistant Geologist and will apply to a man who - according to the time scale - will have spent some 12 years in the Dept. For such a man the term Junior Geologist is most unsuitable and would be inappropriate as an alternative to Sub-Assistant.

It is proposed that the second grade should be 600 - 800 and the third 500 - 600. This means loss of acting allowances between these grades which has given rise to so much discontent in the past. To remedy this I propose that the Second Grade (Deputy Director) should be at least 660 - 850. Mr Banerji himself

DEPARTMENT OF MINES AND GEOLOGY,
MYSORE STATE.

2. Bangalore, 28-7 1917.

proposed 650-900. It is a low figure and gives as Asst Supt maximum service only the pay of an executive Engineer.

With regard to the Mines Branch the pay ₹1000-1200 is altogether too low for the head who, for many years, will have to be a qualified European Officer. It is much less than the second grade Inspecting Officers in British India. I may point out that for years Mr. Bowyer has actually been drawing 1100 + 150 local allowance and an acting allowance ₹100 during the past two years when I was away. This means a permanent drop for

125-0 and an acting pay of £135-0
as against a maximum of £120-0
now proposed. This cannot be
intended and I strongly urge that
the Chief Inspector should be given a
pay of Rs 1200-1400 - which would
make it look better and be more attractive
or failing this a grade of 1000-1200
+ 200 local allowance. Conditions as
the Indian are expensive - our Officers are in
contact with Mine Owners who are now
highly paid, and the Chief Inspector
has many calls in the shape of visitors
who have to be looked after & provided
for.

The Inspector of Mines has been put
at 600-800 and the present incumbent
has been at 600 since 1915 and there
therefore nothing whatever to look forward
to by the time he retires.
I would suggest that in view of Mr. Bechwaith's
professional attainments and services he
may be permitted to draw the Rs 100
personal allowance which he now enjoys
in lieu of local allowance and also the
Rs 50 for house rent whilst a bungalow
is provided for him
The assistant Inspectors & Junior Inspectors
have been cut down below what is proposed
and simply made equal to the Geological
Officers. On this scale local allowances are
absolutely necessary to provide for increased

cost, equipment & housement of both
they have to incur

I therefore request that the allowances
arranged for at my interviews
with Dr. Banerjea & Mr. Bhupendra Nath
may be sanctioned

Assistant Inspectress Rs 75 L.A & H.R
Junior Inspectress Rs 50

I have endeavoured to meet your views in
every way possible and I trust these
small modifications will be accepted.

I am returning herewith the papers
kindly sent by you

Yours sincerely

W. Meredith

R. Nalinandan Esq.
Chief Secretary.

General and Revenue Secretariat. | File No. 283 of 191 P. 9

Serial No.

93 Draft & fair replies to Mr Hamphrey are submitted.

I am sending the draft order embodying the final proposals to Dr Smeeth.

Dewan) 28/7/19

92 28/7/19

25.7.19

93 Manuscript. Submit file to 1st member for general

717-283
26.7.19

94 Sd. 28/7/19

95 I presume that the file will again pass thro me after receipt of Dr. Smeeth's reply. The proposal to make the two appointments S.P.I. instead of "acting" is a matter because time as it will be to the two offices concerned.

Sd
28.7.19

96 Dr Smeeth's reply received today is submitted

97 I would venture to suggest-

NOTE—Contn. sheet.

General and Revenue Secretariat. | File No. 69 of 1918-19

Serial No.

that the following points urged by him may be favourably considered.

(i) Adopting designation of Dy Director & Senior Geologist instead of Senior Geologist & Junior Geologist

(ii) Fixing Dy Director's pay at 650-850 instead of 600-800.

(iii) Fixing Chief Inspector of mines' pay at 1000-1200 + 150 Rs (L.A)

Dr S suggests Rs 200

(iv) Grant of local allce to the Insp. and Insp^r & Junior Insp who have to stay on the F.C.

780-346
30-7-19

1st number) 1857 29/7/19

Page 48

98 I have gone thro' Dr. Smeeth's D.O. letter of the 28th instant & I am in full sympathy with the modifications proposed in it, Except that the maxm pay of the Heads of both branches remains at Rs 1200/- each, the Ch. Secy in his note above, proposes acceptance of the other points. For obvious reasons I agree with him. I wd however go a little further & increase the L.A. to the C.I of Mines to Rs 200/- p.m. As regards the maxm pay of Rs 1400/-, my view in this matter is towards fixing it

NOTE—Contn. sheet.

C-568 52

R. S. 12]

General and Revenue Secretariat. File No. 69 of 1918 : 19

Serial No.

Lt. Shah not press the point, for the reason mentioned by Mr. Sweetman in his letter under reference.

Peel
31.7.19.

Dewan).

99 Submitted with a D.O. to P.S. to H.E.

CSK
Dewan 1/8/19

100 Please put this to Cabinet circulation, again 2-8-20, please circulate it to the next meeting

Peel
2.8.19

C.S. circulate + note
to agenda - CSK
2/8/19

101 The modified proposals contained in
Mr. Duff's letter & Mr. Campbell's are quite
reasonable & may be approved

Dewan
4/8/19

NOTE—Contn. sheet.

GPB—25,000—22-3-15

C.568

53

Extract from the Proceedings of the 500th *Meeting of the Council of His Highness the Maharaja, held at Bangalore on the* 7th August *1919*

02

2. Subject.--Clause x of the Schedule.

Further consideration of the scheme of re-organization of the Department of Mines and Geology.

Opinion of the Council.

The following modifications suggested by Dr. Smeet may be accepted:-

(i) Adopting designation of Deputy Director and Senior Geologist instead of Senior Geologist and Junior Geologist.

(ii) Deputy Director's pay to be fixed at Rs. 650-40/1-850.

(iii) Chief Inspector of Mines' pay to be Rs. 1,000-50/1-1,200 plus Rs.200 local allowance.

(iv) Local allowances (inclusive of house rent) of Rs.100-75 and 50 to be given to the Inspector, Assistant Inspector and Junior Inspector of Mines respectively.

Sd. M. Kantaraj Urs,
Dewan of Mysore,

"EXTRACT"

C S Balasundaram 8

Chief Secretary to Government.

WD 1148—GPB—1,000—23-12-18

[G. R. S. III-2]

C-568

General and Revenue Secretariat. | File No. of 191

Serial No.

1076-241.
9.8.19.

103 D. F. N. Subtd.
1st member

CSJ
9/8/19

104 D. & N approved
105 I presume that there is no objection, financially, to suspend the lien [redacted] of Mr. Smeeth & to appoint him Messrs Jeffreys & Sandford's Agency S.P.T. if need be the Dist Secy may be consulted pleases.

Ptell
11.8.19

106 Mr Smeeth's special duty will last for more than 6 months & so S.P.T arrangements are admissible.
To N seen with compliments for favour of opn

CSJ
13/8/19

411
13/8

107 No financial objection to S.P.T arrangements - smh
13.8.19

108
D-S.N. Subtd.

Dewan

CSJ
14/8/19

NOTE—Contn. sheet.

55

FINAL NOTE BY THE FIRST MEMBER OF COUNCIL.

109

SUBJECT: Re-organization of the Department of Mines & Geology.

With reference to the Dewan's letter, No.59 dated 25th July 1919, to the Private Secretary to His Highness the Maharaja, regarding the allocation of officers in the Re-organization Scheme of the Department of Mines & Geology, Dr. Smeeth was consulted in the matter and he has made some further recommendations. These were considered in Council on the 7th August 1919, and it was resolved that the following modifications suggested by him be accepted:-

(i) Adopting designation of Deputy Director and Senior Geologist, instead of Senior Geologist and Junior Geologist, respectively.

(ii) Deputy Director's pay to be fixed at Rs.650-40/1/850.

(iii) Chief Inspector of Mines' pay to be Rs.1000-50/1/1200 plus Rs.200/- local allowance.

(iv) Local allowance (inclusive of house rent) of Rs.100/-, 75/- and 50/-to be given to the Inspector, Assistant Inspector and Junior Inspector of Mines, respectively.

2. The scheme for the re-organization of the Department of Mines and Geology, proposed in my final note dated 9th July 1919, with the further modifications recommended by the Council on the 7th August 1919, may be graciously sanctioned.

3. The tenure of appointment of Messrs Jayaram and Sampathiengar, as Director and Deputy Director respectively, under the above scheme, will be treated as Sub-pro-tem as stated in the Dewan's demi official letter under reference.

P Raghavendra Rao
12.8.19

12th August 1919. MEMBER OF COUNCIL.

Submitted to His Highness.

110

I submit herewith a Final Note by the...First.....

Member of Council on the subject of...the..re-organization

of the Department of Mines and Geology.....

.....

for His Highness' gracious approval.

15th Aug. 1919

Dewan.

Record of Cases submitted for the Orders of His Highness the Maharaja

Subject.

H.H.C. 230
15-8-19

Reorganization of the Department of Mines and Geology.

265

Order.

~~KRW~~
16/8/19

Mines
Secs
19.8.19

G. R. S. III-2]

C 5'68

General and Revenue Secretariat.

Genl File No. 59 of 191 .

Serial No.

(*)

31. All urgent or confidential files returned with His Highness' orders may, in the absence of instructions or indications to the contrary, be ordinarily circulated to the Members of Council for perusal after the issue of orders.

33. The Secretaries concerned should see that orders in the cases referred to above are issued at once and that the files are returned immediately after to the Chief Secretary for circulation to the Members.

34. In all other cases, the files will first be circulated to the Members of Council at headquarters and then sent to the Secretariat concerned for the issue of orders.

113

Circulated to the Members of Council for perusal of (*) His Highness' orders before ~~after~~ issue of orders. (*Vide* Rules 31, 33 and 34 of the Subsidiary Rules for the conduct of business of Council in the Manual of Council Rules and Procedure).

C S Balasundaram 18
Chief Secretary to Govt. C S B

Through the Secretary to Government,

....Department.

1307-103
19.8.19

114 Seen
Case. Early orders may issue now.
Dec
20.8.19

FIRST MEMBER OF COUNCIL

SECOND MEMBER OF COUNCIL

15

TEMPORARY MEMBER OF COUNCIL. 116

21/8/19

117
For perusal before issue

1st member.

27/8/19

NOTE.—Contn. sheet

WD 1573—GPB—500—4-3-19

G. R. S. III-2.

General and Revenue Secretariat.

Gen. File No. 69 of 1918-19

Serial No.

118 The member desired that as it has been the intention all through to give effect to the reorganisation from 1st July 19 and as this point has not been made clear in the trial & submissi notes the case may be resubmitted to H Highness for approval to the arrang ment. D F N submitted accordingly I have ascertained from the U S Fin that no fur consulta on this detail will be req.

Chief Secy) 2/9

119 D F N submitted to 1st member 3/9

684-107 4-9-1919.

120 D. F. N. approved. 5.9.19

124 With D S N Ch Secy) 6/9

125 Dewan 6/9

NOTE—Contn. sheet

Final Note by the First Member of Council.

123

Subject:—

Re-organisation of the Department of Mines and Geology.

In connection with the proposals for the re-organisation of the Department of Mines and Geology, which received the gracious approval of His Highness on 16th August 1919, I beg to urge the desirability of giving effect to the arrangements as from 1st July last. The idea all through, was, that the arrangements should take effect from that date and provision has also been made accordingly in the Budget. I know also that the arrangement for the routine work of the Geological Section being attended to by the Senior Geologist and that of the Mines Section by the Chief Inspector of Mines, so as to allow more time to Dr. Smeeth for special work, has already been adopted. The gracious approval of His Highness is now sought to the reorganisation sanctioned being given effect to as from 1st July 1919.

P. Rajkashoolal
3. 9. 19

FIRST MEMBER OF COUNCIL.

Submitted to His Highness.

124

...

I herewith submit, for the gracious approval of His Highness, a Final Note by the First Member of Council recommending that the re-organization of the Departments of Mines and Geology approved by His Highness on the 16th August 1919 may be given effect to as from the 1st July 1919.

8th Sept. 1919

C. 5768

Record of Cases submitted for the Orders of His Highness the Maharaja

FOR PERUSAL OF HIS HIGHNESS'S ORDERS

after issue of orders.

120 Secy
Public
25/9

131 Secy
Law
26/9

Subject.

Proposal to give effect to the re-organization of the Departments of Mines and Geology from 1st July 1919.

125

Order.

~~K.R.W.~~

13/9/19

Public-Secy
Secy
14-9-19

127 for perusal. A sentence has been added on page 8 of the draft.
1st member
15/9.

1986-407
15-9-19.

120 Secy
order may issue
immediately.
Public
15.9.19.

129
Secy
15/9.

G. R. S. III-2]

General and Revenue Secretariat.

Govt File No 69 of 1918-19

Serial No.	
11	To The Director, Dept of Mines & Geology The Comptroller to Govt Civil Fund Accts The Director of Industries & Commerce The Secretary, Revenue Conference The Addl Heads of Depts. The Deputy Commissioner of Bellary. No G 7041-7100 dt 18-9-19 Issues orders on the reorganisation of the Dept of Mines & Geology.
12	To The Secretary to Govt Or Revenue Dept &c &c &c The Director, Dept of Geology The Chief Inspector of Mines in Mysore The Director of Industries & Commerce The Special Officer, Rice Scheme The Comptroller to Govt No G 7101-60 dt 18-9-19 Defines the work of Dr W.F. Rundle, Addl Dy Dir of Agri while on special duty.

NOTE—Contn. sheet.

G. R. S. III-2]

General and Revenue Secretariat.

GW File No. 69 of 1918.

Serial No.

13½ H. H. has approved the proposals
A/D has agreed to G.P.O. arrangements — Pell. 43.
Draft Tpair communicating the
order submitted.
The sanction to meet the extra cost
is not provided out in the order
GW
20/9/19

tm

Fil: Secy:).

GW
20/9/19

133 (1) Please Communicate.

(2) It is stated that provision for
this is made in the Budget.

A Verify this statement. If
it is not in Budget please
request Administrative
Branch to point out
provn.

Sd
20.9.19

To the Acting Secretary
Minister Dept.

134 From the Statement submitted herewith it will be seen that salaries for the staff provided in the budget amount to Rs 7780 per mensem. Under the reorganization scheme the expenditure required per mensem is only Rs 7531⅓ which results in the savings of Rs 248⅔ per mensem or Rs 2980 during 1919-20. In these circumstances the statement that

NOTE—Contn. sheet.

21-7-20
17002

55

G. R. S. III-2]

General and Revenue Secretariat.

Geol File No. 69 of 1918-19

Serial No.

there is provision in the budget appears to be all right.

AAG 28-9-19. 135 Provision in the budget would be insufficient if the average pay is taken into consideration in each case and all the places were filled up. But the places that are vacant will not be filled up this year or immediately the actual expenditure in each case taking by calculating actual exp^e this year.

136 The provision in the budget of the Geol & Mining Dept^t for the revised scale is therefore sufficient.

137 This will be communicated to the Fin Secrt & appd

Chdecy) 1/10

Pl^s send file to Fin Secrt

Fin Secrt)

20-10-19

27

139 H.V.N. Brodie on the case

Repn -

140 Fin^l Secy's note dy 20.9.19.

A - Repn is invited to Fin^l Secy's note dy 19.5.19. Para. 58-2 - page 21 of the note. No provn has been made for the purpose.

B - Vide supra - For orders.

Secy) 21.10.

141 No further action necessary

Secrt. 4.11.19

NOTE—Contn. sheet.

Mr V. Iyengar
with compliments
Mr Venkatesa Iyengar
of the accountant Surgeon
in the Comptroller's office
28/10

20.10.19

My dear Balasundram Iyer,

Just a line to remind you of my pay question now with the comptroller.

I shall feel much obliged if you will kindly do the needful by authorising the Comptroller to recognize my claim

yours sincerely
B. Jayarama Rao

Dear Mr Nallasivya Mudaliar,
Mr B Jayarama speaks upon "pay question" of his pending with the Comptroller. (Please see letter attached & kindly return same) Can you kindly let me know if convenient what the question is and whether his pay under the recent order requires the orders of Govt. Dept has not been passed? If there is any trouble perhaps you may refer the matter to Govt.

Please excuse trouble.

Yours sincerely
M. Venkatesa Iyengar

20.10.19

I send you for perusal & return, the above D.O. to Comptroller. The point is in regard the admission of pay of Chief Auditor Diverter (Rs 1000) with effect from 1st July/19. We admitted at from 25th Sept/19. The date on which Mr Jayarama assumed charge of the office from the permanent incumbent Mr M.F. Smith. There was no vacancy during the period from 1st July to 24th Sept/19 to permit Mr Jayarama to draw the pay of Diverter. He behaved Mr Smith does on special duty only from 25-9-19 the pay of Deputy Diverter. Hot-
however

5

D.no 21292
7262

G.R.S. III—3]

Geol 69-18

Routine Notes.

[To be used only for notes, requisitions, etc., not intended for permanent record.]

Reorganization of the dept of Mines & Geology

Submitted with a draft order as directed

HMS
21-10-19.

Draft appd by Member
HW
27.10.19.

8(4) To the Director dept: of Mines & Geol. on Spl. duty
" - Comptroller to Govt
" Director Archaeological Survey
" Chief Engineer, [illegible]

G. 9237-40 of 27.10.19

directs that Dr Fermor be considered to have retired on his special duty on the 1st April 1919 & the Sub pro tem appointment ordered in [illegible] be cancelled with effect from that date

[illegible]

N.B.—Should routine notes be written on small slips, the notes must be copied, or slips pasted on this form.

G.R.S. III—3] 8850.

Routine Notes.

[To be used only for notes, requisitions, etc., not intended for permanent record.]

From the Secretary to Govt, E & A Depts.

G. O. No. 4042-7 / 94 53-19-2;
dy 12-11-19.

Forwards a copy of Govt order
of 12-11-19. Sanctioning the appointment of
Mr. Morris as Mining Superintendent in
connection with the Mysore Iron Works & the
staff required for milk working, etc.

Submitted for information.

AAS.
13-11-19

N.B.—Should routine notes be written on small slips, the notes must be copied, or slips pasted on this form.

Confidential

WD 0108—GPB—800—8-10-18

D.M.G. 13]

No. 1854 one

BANGALORE, 13th January 1919.

DIARY NO. 11608

18-19

FROM

DR. W. F. SMEETH, M.A., D.SC., A.R.S.M. etc.,
Director, Department of Mines and Geology,
Mysore State.

To

C. S. Balasundaram Iyer, Esquire, B.A.,
Chief Secretary to the Government of His Highness
the Maharaja of Mysore.

Sir,

In reply to your letter No.G.11861, dated 17th December 1918, I have the honour to enclose a Brief Note on the Reorganization of the Department of Mines & Geology. The Note deals with the general policy, grading and distribution of officers and allocation of work. A decision on these matters is urgently required and details as to subordinate staff etc., may be taken up after a decision on the above matters has been reached.

2. If Government approve of my proposals, or suggest any changes in details, the formal proposition statement can then be made out.

3. I am very anxious that there should be no delay as I have not much time left for the work I propose to take up and I would suggest that once Government have agreed to the main proposals, they should issue a notification placing me on special duty and directing that acting arrangements, similar to those in force during my late leave, should be made for carrying on the work of the Department pending final orders of

Government

Government on the Reorganization Scheme now under consideration.

4. This would secure greater continuity in the control and responsibility which Messrs. Bocquet and Jayaram have lately been exercising; it would avoid my breaking in on it for a brief spell and it would permit of my taking up some of my special work at once. For example, Government have asked me to give them reports about my deputation and other work at home. I have sent in a report on Wood-distillation. I have many others which require thought and preparation, but I have been unable to give either to them, as I have had too much office and routine work to attend to, besides several larger questions of administration.

5. In other words, once Government have decided on the line of policy, we can secure immediate fruition to a larger extent by letting the Department carry on as when I was on leave and putting me on special duty which will get me out of the way and give me more time and freedom from worry for special work.

I have the honour to be,

Sir,

Your most obedient servant,

Director,

Dept. of Mines & Geology.

C.N.

NOTES ON THE REORGANIZATION OF THE DEPARTMENT OF MINES AND GEOLOGY.

---

1. The need for reorganization is imperative. A systematic grading is required providing for reasonable chances of promotion to higher grades for capable officers. The existing grades are not sufficiently attractive to secure the best type of men, and I do not think that lately we have been attracting the best men available.

2. The grading should be worked out independently of my own position, about which I shall make a special suggestion.

3. I have not more than 3 years to run before reaching the age limit and my health is such that I may be obliged to retire earlier. Other officers should at once take up and become conversant with responsible duties which they will have to carry on when I leave

4. It is absolutely necessary that the separate branches of work, which hitherto have been organized and supervised by me, should now be definitely separated and responsibility allocated to separate officers.

It is an incident that I was in a position to organize these various branches, but for many years past the work has been too discursive and complex for any one officer to control with consequent loss of continuity and efficiency.

5. We require a Department of Geology under a Director with an Office Assistant to relieve him, as far as possible, of routine administrative work. Under recent Government orders the office work and responsibility have largely increased

increased and the Office Assistant should be better paid than the present Registrar.

For the second post I suggest a Deputy Director devoted chiefly to technical work, but to whom is allotted certain administrative duties, such as, publications, maps, supervision of collections, registers, etc.

We then want two Superintendents, one of whom would devote his whole time to scientific geological survey and the other to mineral survey and exploitation. The next grade will include 3 Assistant Geologists selected from the Sub-Assistants and devoted to either geological survey or mineral survey and exploitation. The choice of men and the branch to which they devote their time must be determined by vacancies in the superior posts, so as to keep both sides of the work properly provided with trained officers.

With regard to the Sub-Assistants, I enclose a copy of a useful and suggestive note by Mr. B. Jayaram. He advocates 8 Sub-Assistants, one to be placed in each District to carry on systematic mineral and geological surveys and works, under supervision, to watch the progress of prospecting operations and keep records of outputs for submission to Head Quarters and to be in charge of a small local museum for information and instruction of the public. This is a somewhat extended scheme and it will be some years before we can select and train the number of Sub-Assistants. It may be introduced gradually and its usefulness tested. It would be useful to have men in the Districts throughout the year instead of merely going to camps for a Field Season and then returning to Head Quarters. Selected men would come to Head Quarters for periods during the recess for further training. They would have opportunities of showing their powers of observation and initiative and the method would permit of selection of the most useful men for the higher grades.

The

The grade of Sub-Assistants would be recruited from Probationers, who would get 2 years' training and instruction and of whom 2 might be taken each year for some time to come.

There are 2 Assistant Chemists attached to the Department but working under Mr. Krishnayya at the Agricultural Laboratory. I must leave them there at present, but when we get our own Laboratory and they have been sufficiently trained to do independent work we may find it useful to bring them over to Lambourne House.

6. The pay and grading of the Department of Geology would work out as follows :-

No.	Designation.	Pay	Years in grade.
1	Director. ...	1200-100/1-1400	3
1	Office Assistant to the Director. ...	200- 20- 300	6
1	Deputy Director. ...	800- 50- 1000	5
2	Superintendents. ...	500- 50- 750	6
3	Assistant Geologists...	300- 25- 450	7
8	Sub-Assistants. ...	100- 20- 260	9
2	Probationers. ...	75.	2
2	Assistant Chemists. ...	(according to grades provided for Chemists.)	

7. The above scheme provides a well ordered grading with attractive prospects for good men. It provides for both the scientific work which must be carried on and for the more purely economic investigations. There is no reason why an economic man should not rise to be Director. The Sub-Assistants and Assistants will have training in both scientific survey and economic prospecting and those who show special aptitude for either branch will gradually specialize in that branch

branch during his later service.

8. The next point is the allocation of existing officers to the new grades.

I propose that I should remain nominally Director of the Department of Geology, so as to keep me in touch with the Officers and their work but chiefly in a consulting and advisory capacity.

For the few remaining years of my service I should be placed on special duty, so that I should be free of all routine and administrative work to which so much of my time has been sacrificed hitherto.

The special work which I shall be engaged upon may be briefly outlined as follows :-

(a) Development and equipment of the iron ore mine at Kemmangundi and search for further supplies of ore. There is a lot of work to be done on this during the next 18 months to get things ready for smelting operations.

(b) The provision of the necessary flux for smelting.

(c) General assistance in connection with the Smelting and Wood-Distillation Plant at Benkipur. Government have at present no representative acquainted with the technical side of these operations.

(d) The development of a small plant for manufacture of electric steel from scrap. I think this is one of the most obvious and straight-forward things for us to tackle.

(e) Investigation of the possibilities of making Iron Sponge as additional raw material for the electri-

electric steel furnace.

(f) Development of an experimental plant for manufacture of Ferro-Chrome and for experiments on Ferro-Manganese and alloy steels.

(g) Investigation of the possibilities of manufacturing Carbide and Cyanamide. If we find that the project is reasonably feasible and that local conditions do not impose insuperable obstacles it will be necessary to carry out experimental work before large expenditure on plant would be justified. The experiments could be made in connection with the plant mentioned in (f).

(h) Assistance to the Director of Industries in connection with minerals, which he may require for proposed industries - such as, bricks, refractories, glass, sulphuric acid, alkali, lime, etc.

(i) Assistance to officers of the Department in connection with search for minerals, classification of rocks, compilation of the geological maps and recent methods of petrological investigation.

(j) Consultation with Government on any matters in which I have had special experience.

The above is a lengthy programme for the short time at my disposal. To do anything useful I must be left absolutely free to devote myself entirely to these technical matters. It would be utterly impossible for me to do anything effective and at the same time remain responsible for the administration and routine of the Department. I propose, therefore, that this latter work should be handed over to the senior officers

of

of the Department, who would get into harness and assume responsibility while I am still here to advice and assist them which I shall be glad to do to the extent of my ability. To effect this Mr. Jayaram should be placed in the grade of Deputy Director and should officiate as Director (I myself being placed on special duty.) Mr. Jayaram has already acted as Director for the past 2 years and has had 24 years' experience in the Department.

Mr. M.Varadaiya will take the position of Office Assistant to the Director. He has shown himself to be very capable and the work entitles him to higher pay.

Mr.P.Sampat Iyengar to whom a promotion is over due will have the grade of Superintendent and will officiate as Deputy Director.

Mr.A.M.Sen will have the grade of Superintendent (on the economic side) and devote himself to supervising mineral survey and prospecting.

Messrs. B.N.Venkataramaiya and B.Balaji Rao will both become Assistant Geologists. They are both on the economic side and their promotion has been excessively slow and discouraging hitherto. They have been in the Department for some 12 years and are now drawing only Rs.150 and such an example is quite sufficient to deter any young men of ability from taking up geological work or joining the Department.

The new Sub-Assistants, Messrs. T.P.Kailasam, B.Rama Rao and V.T.Venugopaul, will remain as such and carry on normally.

It is not to be presumed that all Sub-Assistants will rise through all the various grades and selections to the higher grades must depend in all cases on ability.

9. I am not dealing with subordinates, menials, &c. The main thing at present is to get the officers properly graded and duties allotted and I trust the foregoing account of my

proposals

proposals will be found clear and acceptable.

10. Statement A shows the grading and proposed distribution of officers and if this is accepted a detailed proposition can be made out.

Inspection of Mines.

11. As pointed out it is necessary for this to form a separate Department responsible to a Secretary to Government. The work is fully organized and Mr. R.Bocquet is fully competent to take control and has already done so during acting appointments. The officers should all be provincial officers, but with Head Quarters at Oorgaum, where the bulk of the work lies. The Inspectors of Mines have duties and training quite different from those of geological officers and must be quite distinct from them though it may be convenient to give our Sub Assistant Geologists some experience in Mine Inspection and perhaps to select our junior Inspectors from the ranks of the Probationers and Sub-Assistants of the Geological Department. This might give us a better choice than arbitrarily selecting a Probationer to be trained from the outset for Mine Inspection and it would give the man eventually selected a wider training and outlook.

12. In view of the fact that the Chief Inspector has a constant succession of visitors to the Field whom he has to take round and entertain, I propose that in addition to the pay of his post he should have a local allowance of Rs.150.

13. The staff required with the grading and proposed allotments may be shown as follows :-

P.T.O.

No.	Designation.	Grade	Name.	Proposed pay.
1	Chief Inspector of Mines.	1200-100/1-1400 L.A. 150.	Mr.R.Bocquet.	1200 L.A.150.
1	Inspector of Mines.	600- 50 - 1000	Mr.L.H.Beckwith.	850 H.R.(Tempy) 50.
1	Assistant Inspector of Mines.	350- 50 - 500	Mr.C.E.Suryanarayana Rao.	350.
1	Junior Inspector.	140- 20 - 300	Vacant.	

These 4 officers are the minimum requirement at present. As regards proposed pay, I may note that Mr.Bocquet has already been drawing Rs.1350 for the past 2 years and Mr. Beckwith has been drawing Rs.800 since 1915.

Mr. Suryanarayana Rao has been in the Department for 12 years and has proved satisfactory and capable. He should now take the more responsible post of Assistant Inspector. He is at present drawing Rs.200 plus L.A. & H.R.50 or Rs.250 altogether, for which I wish to give him a consolidated pay of Rs.350 - a promotion which he fully deserves.

A junior Inspector will have to be selected from amongst new Probationers as soon as possible.

14. It is to be noted that Mr. Beckwith will retire in 5 years and Mr. Bocquet in 8 years and we must have men in training to fill one or both places. It is possible, however, that for some years to come after Mr.Bocquet's retirement it will be necessary to obtain a special officer of mining experience as Head of the Department.

15. I may call attention to the fact that I have made the lower grades of Mines Inspectors slightly higher - about Rs.50 - than the corresponding grades of Geological Officers, in order to recognize the more expensive conditions of living

on

on the Gold Fields and the more arduous and dangerous character of much of the work.

Inspection of Explosives.

16. There remains the inspection of explosives, which is incidentally attached to the Geological Department merely because I happened to inaugurate and organise it. There is no connection between geological work or inspection of mines and the statutory inspection of explosives. Mr. A.T. Setlur has had abundant training in the latter and should take it over and devote his whole attention to it. Inspection and licensing of Petroleum and Petrol installations should also be dealt with by him. He should supervise the issue of the large number of licenses and make systematic inspections throughout the State and endeavour to get the local inspections by the Magistracy and Police, which have been so frequently remarked on as being unsatisfactory, up to a higher standard. He has been holding a combined post of Inspector of Explosives and Deputy Inspector of Mines and the arrangement has not been satisfactory. Either one or the other is not done and excuses are made of insufficient time, &c., &c. It is a case of divided attention and responsibility and does not work and there has been a good deal of friction and feeling while I have been away.

Mr. Setlur should take sole charge as Inspector of Explosives and I would suggest a salary of Rs.500-50-750 the same as for Superintendents in the Geological Department. He should work directly under the General Department and be provided with accommodation there. He will require an Assistant who will be essentially a Chemist with some experience of building construction and drawing. The Assistant may be taken in the usual way as a Probationer

for

for 2 years to undergo training with prospects of promotion and eventually the taking over of Mr. Setlur's job on the latter's retirement.

Accommodation.

17. We are sadly in need of accommodation at Lambourne House and badly overcrowded. I have already sent in plans to the Public Works Department for extension, but it will be a year or two before this is built and equipped. Something must be done in the meantime to enable us to carry on.

I propose that I should make use of the rooms at my bungalow, which are being rented for the Department, as my own office and work rooms. For instructions, consultations and co-operation with officers of the Department, I will use the room occupied by the officer in question at Lambourne House. This will permit of Mr. Jayaram - as Officiating Director - occupying my present room at Lambourne House.

Mr. Setlur may, as soon as possible, be found accommodation in the General Offices. This will free a room for Mr. Sen's use. Mr. Sampat Iyengar will be accommodated in the Museum. This leaves one room and a verandah for the Assistants, Sub Assistants and Fieldsmen, some of whom will have to double up with Messrs. Sampat Iyengar and Sen, for the time being until the necessary accommodation has been secured.

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18. I shall be very glad to have the foregoing proposals considered and discussed, at an early date, so that we may find out where we are and have a fresh start as soon as possible.

Bangalore,)
Dated the January 1919.)

Director,
Department of Mines and Geology.

cvv

Statement A.

Showing the grading and proposed distribution of officers of the Department of G e o l o g y.

No. of appoint-ments	Designation.	Grade.	Name	Remarks.
1	Director	1200-100-1400.	Mr. B. Jayaram, F.G.S.,	Offg. during the employment of Dr. W.F.Smeeth on special duty.
1	Office Assistant to the Director.	200- 20- 300	Mr. M. Varadaiya, B.A.,	
1	Deputy Director.	800- 50-1000	Mr. B. Jayaram, F.G.S.,	Officiating as Director.
	-do- Ag.		Mr. P.Sampat Iyengar, M.A.,	Offg. vice Mr.B.Jayaram, who will officiate as Director.
2	Superintendent. *	500- 50- 750	Mr. P.Sampat Iyengar, M.A.,	Officiating as Deputy Director.
	-do-	-do-	Mr. A.M. Sen, M.Sc.,M.I.M.E., F.G.S.,	
3	Assistant Geologist	300- 25- 450	Mr. B.Balaji Rao, B.A.,	
	-do-	-do-	Mr. B.N. Venkataramaiya, B.A.,	
	-do-	-do-	Vacant.	
8	Sub Assistant Geologist.	100- 20- 260	Mr. T.P. Kailasam, B.A., A.R.C.S.,	
	-do-	-do-	Mr. B. Rama Rao, M.A.,	
	-do-	-do-	Mr. V.T. Varugapaul, B.A.	

	-do-	-do-	Vacant.
	-do-	-do-	Vacant.
	-do-	-do-	Vacant.
	-do-	-do-	Vacant.
	-do-	-do-	Vacant.
2	Probationer.	75	Mr. V.A.Krishnamurthy, B.A.,
	-do-	-do-	Vacant.
	Assistant Chemist)	(according to grades provided for Chemists.)	Mr.M.R.Anantanarayana Iyer, B.A
	-do-)		Mr.E.R.Thirumalachar, B.A.

Bangalore,
11th January 1919.

Director,
Department of Mines and Geology.

To

C. S. Balasundaram Iyer, Esquire, B.A.,
Chief Secretary to the Government
of His Highness the Maharaja of Mysore

From

B. Jayaram, Esquire, F.G.S.,
Senior Geologist.

Through Dr. W. F. Smeeth, M.A.,D.Sc.,&c.,
Director of Mines & Geology.

Subject :-

A note on the need for the employment of a Geological Staff in each of the District Head Quarters of the State.

Sir,

I have been seriously thinking for some time to represent to the Government the desirability and necessity for having a small geological staff permenently posted for work in each of the Districts of the State.

The need for such an arrangement has never before been so keenly felt as at the present moment owing to the changes recently ordered by the Government in regard to the lines in which the work of the Department of Mines & Geology has to be carried on in the future.

Although a fair preliminary geological survey of the State has been made and most of the minerals that are likely to be found in the country have been located, yet a considerable amount of much closer survey and larger prospecting work will have to be done for purposes of a mineral

survey

survey and the development of mineral resources, mining and metallurgical industries, which the Government wish the Department to pay particular attention to,hereafter.

The present system of the officers going out into the District for purposes of geological survey and prospecting during the field - season and returning to the Head Quarters at Bangalore during each recess period is recognizedly the best for Scientific Geological Survey Work. But when mineral survey and prospecting works on larger economic lines are attempted, it becomes very necessary that the whole country should be very closely and carefully examined, surveyed and mapped before it will be possible to pronounce that any particular area has any particular mineral or minerals of any particular economic value or not.

In order that all the work may be efficiently and expeditiously carried out, it seems very essential that a junior officer of this Department with an adequate subordinate staff of Fieldsmen, clerks and peons should be permanently placed in charge of each District in the State.

Here it may be pointed out that even though the Geological Department has been in existence for nearly a quarter of a century, yet the bulk of the population in the State is not aware of such a fact and does not take any notice or interest in its activities. In fact the officers of this Department when working in the Districts are merely looked upon as passing objects of curiosity and often mistaken for mining or Company's servants. Such a state of affairs is certainly not conducive to the people of the Districts and much less to the Geological Officers, whose good work largely depends on the sympathetic help and facilities afforded by the District authorities and people.

There seems no doubt that a small staff stationed

permanently at each District Head Quarters and working in touch with the revenue and other district authorities and the people of the district will not only remedy the existing defects but will be able to turn out a great deal of useful work for the Department and the State.

The nature of the work that such a staff can be expected to do may be briefly outlined as follows:-

(1) Departmental Work.

This shall be partly technical and partly administrative in character.

(a) Technical Work.

This will include scientific geological and mineral surveys, prospecting and preliminary exploitation of minerals and investigation of local condition of the District.

The Officer in charge of the District will be asked to take up one taluk at a time and complete the detailed mapping and study of it before he takes up the adjoining taluk A uniform method of mapping and investigation will be insisted upon and necessary instructions and directions will be furnished by the Director or a Senior Experienced Officer of the Department from time to time, who shall also inspect the work of the District Staff as often as possible and see the work carried out on the desired lines.

If the work is faithfully carried out on the lines indicated and dictated, the detailed data that can be collected on various points of geographical and geological interest by the men on the spot will prove of invaluable use to the Senior Survey Officers and Prospectors in confining and concentrating this work and attention to such of the areas as are of scientific and Economic importance.

(b) Administrative Work,

We have at present no means of verifying the reports and statements made by the licensees and lessees in regard to the work done, output etc.; there is no examination and check of the export of minerals from the different blocks and no verification of the reports submitted by licensees and lessees with the quantities ascertained to have been despatched from the several Railway Stations. There is no one to give any timely assistance to the Deputy Commissioners of the Districts in the work of the collection and compilation of the annual statistics of mineral production, especially in respect of the ordinary minerals such as, limestone, Kankar, potstone etc.

There is also a considerable amount of delay and dis satisfaction in the disposal of refunds of deposits to the licensees and lessees, owing to the Deputy Commissioners delay in submitting reports on the damages, costs of filling in pits etc. over mining blocks.

Besides there is no good understanding between the Revenue Department and this Department in regard to the granting of licenses over the so-called ordinary minerals for local building or other consumption. This has led to great irregularity and unpleasant misunderstanding. For instance the disputes over the kaolin and clay deposits of Golhalli area in the Nelamangala Taluk and the acquisition of land in the Mysore Taluk over which a mining lease had been granted by the Government may be cited as pertinent cases at issue.

In all this administrative work, a district geological staff working on the spot in continual touch with the revenue and other authorities will be of great use - in fact seems to me indispensable.

(2) District Economic Work.

For the work of the Economic and Industries and Commerce Departments, the geological district staff shall have to pay attention to the following items of work:-

(a) Collection of a representative set or right sets of specimens of rocks and minerals of the District for the eight District Museums in the State. In addition some more sets may be prepared for lending out to exhibition purposes, or for the use of Colleges and Schools in the State and also for purposes of sale in or outside the State, for which there have been demands occasionally from time to time.

(b) The staff shall attend to the economic enquiries from the public in respect of minerals and mineral products.

(c) It shall deliver lectures at the District and several Taluks and Hoblis on the economic mineral resources of the District in particular and of the State etc. and afford to the public and rural masses as much useful information and knowledge as is desirable and possible on matters economic and industrial.

(d) The District Museums can be well arranged and maintained by the combined efforts of the staff, the District Economic Superintendent, the District Forest Officer and District Agriculturists.

From the foregoing, it will be seen that there will be more than ample work for the staff in the District and that if the work is done well it will not only yield all-round useful results but will afford grand opportunities for the Junior Officers and Fieldsmen of the Department, who have at present hardly any accomodation in the Head Quarters Offices and not enough of work during the recess periods of nearly six months in the year, to learn and acquire an intimate knowledge

of the Geology and general conditions of the District.

Revised Staff.

For the above reasons I beg to propose that a staff consisting of one Sub-Assistant Geologist, two Fieldsmen, one Clerk and four peons may be employed in each District as early as possible. To give effect to this proposal we should want a total staff of

Eight Sub-Assistant Geologists
16 Fieldsmen
8 Clerks and
32 Peons.

We have ~~@@@~~ at present two Senior and three Junior Sub-Assistant Geologists and a Prospector under training and six Fieldsmen.

The two Senior Sub-Assistant Geologists, namely, Messrs. B. Balaji Rao and B. N. Venkataramaiya have all along been engaged on prospecting work and will be required for special investigation works.and will not be available for this work.

Therefore we have only three Sub-Assistant Geologist available for District charge and they are Messrs. T.P. Kailasam, B. Rama Rao and Venugopal. The new Probationer Mr. V.A. Krishnamurthy will be a fourth officer who may be counted upon after he has successfully undergone his period of training.

The entertainment of four more Sub-Assistant Geologists will be necessary.

It is difficult to get trained men at once and I would recommend, therefore, that four Geology Graduates may, on the results of a competative examination, be entertained as Probationers and trained for employment as Sub-Assistant Geologists.

For the present the three available men may be placed in charge of a District each and the northern three Districts of the State, Viz, Shimoga, Chitaldrug and Tumkur may be tentatively tried for a couple of years in the first instance. If the scheme works satisfactorily then the remaining Districts of the State may be placed in charge of five more Probationers, who may be trained within that time.

As regards Fieldsmen, Clerks and peons the number actually required according to the above scale may be provided by making additional appointments as and when required.

With regard to the office accomodation of the staff it would be very desirable if the staff could work on premises attached to the District Museum. But until suitable District Museums are built, temporary arrangements either in the District Offices or a hired building will have to be provided for.

In regard to the question of travelling and local allowances etc., a separate reference may be made if the Government are pleased to sanction the proposed scheme.

I have the honour to be,

Sir,

Your most obedient servant,

B. Jacob Jun.

Senior Geologist.

C.N.

Forwarded to The Chief Secretary as Enclosure to my letter No.1854, dt 13-1-1919.

W.H. Meeks

13.1.19

G. R. S. VI—G/32]

Confidential

SUBJECT.....

.....

.....

Diary No. of letter replied to.....

GENERAL AND REVENUE SECRETARIAT,
( )
, the *191* .

Date of issue..... 6/3/19

Signed by..... W. W. Hoff

Section Geol.
File No. 69-18
Serial No. 2

No. G/9560

To The Compiler to Govt

Sir

I am directed to forward herewith for favour of verification & very early return a Proposition Statement in duplicate for the revision of the Staff of the Geological and Mining Departm Thanete

W.W. 6/3

Forest Conservator.

Issue now W.W. 6/3/19

over.

G. R. S. VI—G/32]

SUBJECT.....

.....

.....

Confidential

Diary No. of letter replied to .. ..

Section Geol
File No. 69-18
Serial No. 3.

GENERAL AND REVENUE SECRETARIAT

( )

, the *191* .

No. G2042

Date of issue 12/2/19

Signed by W^ C&B Ryan

To Dr Smeeth

Dear Dr Smeeth

~~Sir~~,

With ref^e to your letter no 1857 dy 13/1/19 submitting certain proposals for the reorganisation of the Dep^t of Mines and Geology and ~~stating~~ do also letter no 1874 dy 9th Jan^y 19 ~~Date~~ stating that it is not possible to draw up any reasonable programme going until the question of ~~Office~~ the reorganisation of the Dep^t and the number and distribution of Offices

over.

P.O.D.

P.O.D in Geol file 73-17-4 linked

has been finally decided upon I am
directed to request that a programme
may be suitable to the number
of officers proposed by you in the
former of the two letters under
reply may be sent up ~~early~~ as soon as possible for
the consideration of Govt
As it is considered desirable to ~~arrive~~
issue orders in this matter early will you kindly have
~~given to report~~
~~the reasons~~ of the proposals ~~being~~
~~sent~~ before the 20th instant.

Yours truly
~~I have the~~
C&S
Chief Secy

Rec
7/3.

List of enclosures.

Copied by

Examined by

W D86—GPB—60,000—15-11-16

92

G. R. S. VI—G/32]

SUBJECT.....

.....

.....

Diary No. of letter replied to.....

GENERAL AND REVENUE SECRETARIAT,
( )
, *the* 191 .

Date of issue.....19-3-19.....

Signed by...Mr. M.V. Iyengar.....

Confidential

Section Geol
File No. 69-18
Serial No. 4

No. G 20911 / Leg Gen

The controller to Govt.

To

Sir,

In continuation of this office
letter no G 19560 / Geol 69-18-2 dy 6-3-19, I
am directed to forward herewith for favour
of verification & very early return two
alternative proposition statements, for the
revision of the staff of the Geological and
Mining dept. The proposition sent previously
need not be verified.

I have
the
19.3.19

I have
the
honour
to be
Sir
Your most obedient servant
Secretary to Govt.
19.3.19

over.

Confidential.

Geol 69-18-5
D. No 16652-1
Immediate

Please address all future communications to the Comptroller to the Govt. of H.H. the Maharaja of Mysore.
In reply to this Comn. please refer to
No.....
Books. 2753 E/2 Stts:

OFFICE OF THE COMPTROLLER TO THE GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE.

Dated, Bangalore, the 17 March 1919.

FROM

M. N. KRISHNA RAO, ESQ., B.A.,
Comptroller to the Government of
His Highness the Maharaja of Mysore.

To

C. S. Balasundaram Iyer, ESQ., B.A.
Chief *Secretary to the Government of Mysore,*
Bangalore.

SIR,

I have the honour to forward herewith, duly verified, the Proposition Statement in duplicate, which was received with your letter No.G.19560/Geol.69-18-2 dated the 6th March 1919.

I have the honour to be,
Sir,
Your most obedient servant,
M N Krishna Rao
Comptroller

CV/17-3

WD A 0610—GPB—5,000—10-8-17

C. O. 42-Rec.—17]

.....Department

191

FROM

M. N. KRISHNA RAO, ESQ., B.A.,
Comptroller to the Govt. of
H. H. the Maharaja of Mysore

To

.....Esq.,
Secretary to the Govt. of Mysore,
Dept.

Dated

Despatched

Received

No.....

Subject matter.

Finance and Accounts Form 11

(*Vide* Art. 57, C. A. C., Vol. I, and Rule 23, Part I, Chapt

Finl. 200]

STATEMENT OF PROPOSITIO

Name of Office to which the

Government orders sanctioning present Establishment		Nature of Charge										
		Present Scale					Proposed Scale					
				Pay						Pay		
No.	Date	No.	Designation	Minimum	Rate of Increase	Maximum	Average Cost	No.	Designation	Minimum	Rate of Increase	Maximum
		1	Director	1500	100	1800	1740 PA 200					
		1	Senior Geologist	400	30	700	583⅓	1	Director, Dept of Geology	1200	100/1	1400
		2	Assistant Geologists	300	50/3	450	2(375 P.A.50)	1	Deputy Director	800	50	1600
								2	Superintendt	500	50	750
		5	Sub Asst Geologists	100	25/2	250	187½	3	Asst Geologists	300	25	450
								8	Sub Asst Geologists	100	20	260
		1	Probationer			75	75	2	Probationers			75
		1	Registrar (non gazetted officer)	100	10	150	137½	1	Office Assistant	200	20	300
		2	Assistant chemists	70	10	150	120⅔×2	2	Assistant chemists	70	10	150
		1	Chief Inspector of Mines	750	50	1000	916⅔ +150 LA	1	Chief Inspector of Mines & Explosives in Mysore	200	100/1	1400
		1	Inspector of Mines			700 +100 P.A.	700 +100 PA	1	Inspectors of Mines	600	50	1000
		1	Deputy Inspector of Mines & Insp of Explosives	400	30	700	583⅓	1	Inspectors of Explosives	500	50	750
		1	Sub Inspector of Mines	100	50/3	250	175 +50 LA	1	Asst Inspectors of Mines	350	50	500
								1	Junior Inspector of Mines	140	20	300
								1	Junior Inspector of Explosives	70	10	150
							5203 1/2 +200 PA +200 LA. or 5203 5/6 + 200 PA + 200 LA.					

& 1478 6-9/Gor 59-47-5 & 2-5-48
& 8445 93/G.M. 892-14-1 & 9-2-05
& 7802-4/Gor 26-7-2 & 28-11-07
& 12888-84/Gor 6-15-8 & 15-3-16
9th February 1915.

Note.—To be prepared in duplicate and forwarded through the Comptroller in Mysore

Present position of T.A.O. — A portion verified (Registrar's pay).

Dated 8th March 19

for Secy to Govt

inance and Accounts Form 11 }

(*Vide* Art. 57, C. A. C., Vol. I, and Rule 23, Part I, Chapter

Finl. 200]

STATEMENT OF PROPOSITIO

Name of Office to which the

Government orders sanctioning present Establishment		Nature of Charge										
		Present Scale					Proposed Scale					
				Pay						Pay		
No.	Date	No.	Designation	Minimum	Rate of Increase	Maximum	Average Cost	No.	Designation	Minimum	Rate of Increase	Maximum
		1	Director	1500	100	1800	1740 + 200 PA					
		1	Senior Geologist	400	30	700	$582\frac{1}{3}$	1	Director, Dept of Geology	1200	$\frac{100}{1}$	1400
		2	Asst Geologists	300	$\frac{50}{3}$	450 + PA 50.	2 ($\frac{375}{350}$ + 50 PA)	1	Deputy Director	800	50	1000
								2	Superintendents	500	50	750
		5	Sub Asst Geologists	100	$\frac{25}{2}$	250.	$186\frac{2}{3} \times 5$	3	Asst Geologists	300	25	450
								8	Sub Asst Geologists	100	20	260
		1	probationer			75	75	2	probationers			75
		1	Registrar Non gazetted Officer	100	10	150	$137\frac{1}{2}$	1	Office Assistant	200	20	300
		2	Assistant chemists	70	10	150	$120\frac{2}{3} \times 2$	2	Asst chemists	70	10	150
		1	Chief Inspector of Mines	750	50	1000	$916\frac{2}{3}$ + 150 PA	1	Chief Inspector of Mines & Explosives in charge.	1200	$\frac{100}{1}$	1400
		1	Inspectors of Mines			700 + 100 PA	700 + 100 PA	1	Inspectors of Mines.	600	50	1000
		1	Deputy Inspector of Mines & Inspector of Explosives	400	30	700	$583\frac{1}{3}$	1	Inspectors of Explosives	500	50	750
		1	Sub Inspectors of Mines	100	$\frac{50}{3}$	250	$\frac{175}{150}$ + 50 PA	1	Asst Inspectors of Mines	350	50	500
								1	Junior Inspectors of Mines	140	20	300
								1	Junior Inspectors of Mines	70	10	150
							$\frac{5095\frac{3}{4}}{50}$ 20 PA + 200 PA + 200 PA or 5203 $\frac{5}{6}$ 200 PA + 200 PA					

G 8445-93 / G.M. 292-14-10-9-2-95.
G 12888-89 / Govt 6-15-8 & 15-3-16
G 3438-40 / Govt 26-17-5-A 15-8-48
G 7802-4 / Govt 26-47-2-A 28-11-47
G [illegible] 86-9 / Govt 59-17-5-A 2-5-48

Note:—To be prepared in duplicate and forwarded through the Comptroller in Mysore and

Dated 8th March 19 [illegible] By Comptroller

ıı of the Financial Rules circulated with G. O. No. Fl. 1150—1192, dated 7-2-1903)

FOR REVISION OF ESTABLISHMENT

roposition relates..... Department of Mines & Geology

GPB—2,000—3-8-15

Average Cost	Proposition						Grounds of Proposition	Comptroller's Report	Orders of Government		
	Permanent		Temporary						Department concerned	Financial Department	
	Increase per month	Decrease per month	Increase per month		Decrease per month				Remarks	Remarks	Orders
	Amount	Amount	Period	Amount	Period	Amount					
1373 1/3											
946 2/3											
2(666 2/3)											
3(398 1/3)											
078											
190 1/3											
301 1/3											
150.											
266 2/3											
20 2/3 x2											
1373 1/3											
+150 LA.											
958 1/3											
666 2/3											
470											
241 1/3											
120 2/3											
303 1/3 +150 LA.											
1757 +150 LA.											
842 1/3											

Chief Secretary to Government

be followed by a reappropriation statement if the proposal involves additional expenditure.

Private Secy. Finance Dept.
verified Clerk
10/3/19

Accountant General

II of the Financial Rules circulated with G. O. No. Fl. 1150—1192, dated 7-2-1903)

FOR REVISION OF ESTABLISHMENT.

'roposition relates..... Department of Mines & Geology

GPB—2,000-3-8-15

Average Cost	Proposition						Grounds of Proposition	Comptroller's Report	Orders of Government		
	Permanent		Temporary						Department concerned	Financial Department	
	Increase per month	Decrease per month	Increase per month		Decrease per month				Remarks	Remarks	Orders
	Amount	Amount	Period	Amount	Period	Amount					
1373 1/3											
946 2/3											
(666 2/3)											
(398 1/3)											
308											
150											
266 2/3 1391/6											
20 2/3											
373 1/3											
150 LA											
953 1/3											
166 2/3											
470											
161 1/3											
20 2/3											
703 2/3											
150 LA											
50 LA											

Requires Govt. dated 7-2-15 Sanctioned vide Govt. Memo

Comptroller

Secretary to Government

be followed by a reappropriation statement if the proposal involves additional expenditure.

10/3/192

No. 2803 - One Encl.

Geol 69-18-6

D. No 16654

C

CONFIDENTIAL

Department of Mines & Geology,

Dated, Bangalore, 19th March 1919.

Dear Mr. Balasundaram Iyer,

With reference to your D.O.No.G.20413, dated the 12th March 1919, I have just managed to complete today a general programme and scheme of work for the Department of Mines and Geology and for the Inspectors of Mines and Explosives. As you asked for it before the 20th, I am having a copy forwarded to you tomorrow by the Registrar.

I have to leave tomorrow morning early for Mandya to inspect Mr. B. Balaji Rao's work. As Mr. Perin arrives here on Saturday I shall have no other opportunity of doing so before the work closes.- consequently I will not be able to sign the copy of the scheme myself.

Yours sincerely,

C. S. Balasundaram Iyer, Esq., B.A.,
Chief Secretary to Government,
Bangalore.

SCHEME OF WORK

for

THE DEPARTMENT OF MINES AND GEOLOGY

and

THE INSPECTION OF MINES AND EXPLOSIVES.

Owing to the great increase of work and the variety of the duties to be attended to, it has been found impracticable to satisfactorily carry on, under control of a single Head, the work which has hitherto devolved upon the Department of Mines and Geology. It has been decided to separate entirely the work of Inspectors of Mines and Explosives from the work of the Department of Mines and Geology and the following scheme for the distribution of work has been drawn up.-

Department of Mines and Geology.

(1) Administration. The Department will be in charge of the Director who will be responsible for administration and supervision of the various technical branches.

The Office will be in charge of an Office Assistant to the Director. In addition to routine matters, general correspondence, preparation of Government returns and reports, the work will include the preparation and issue of the various kinds of mineral leases and licenses and the keeping of maps and records relating to them.

It is hoped that it will be found possible to reduce and simplify the administrative and office work so as to set free the Director, to a greater degree than hitherto, for technical work and supervision of the work of the technical officers. To further this, the Deputy Director will be allotted certain portions of the administrative and supervision work and assume responsibility

there-

therefor.

(2) Geological Survey. It is essential, if progress is to be maintained, that survey work on modern scientific lines should be continued and developed. A preliminary survey of the greater part of the State has been completed, a large amount of mapping, on a scale of 1 inch to a mile, has been accomplished and a consolidated map on a scale of 1 inch to 8 miles has been published. Certain conclusions have been reached and a number of important problems await investigation. If the fruits of the work done are not to be lost it is necessary that the senior officers who have done the preliminary work and have many years of valuable experience behind them should be free to devote a substantial portion of their time to these problems and to train younger men to carry on the work afterwards. These problems need not be specified here. They include the obscure relationship of the main components of the Dharwar system - the character, origin and distribution of the ferruginous rocks, limestones and quartzites and a study of the auriferous Champion gneiss series with reference to its further extension and identification.

The scientific classification and nomenclature of the main formations requires close attention with a view to subsequent issue of a revised and comprehensive map on a suitably large scale.

The geology, mode of occurrence and distribution of the chief minerals of economic interest requires to be taken up in greater detail and maps prepared of important areas.

These very important works will devolve mainly on the Director and Deputy Director whose accumulated experience must be taken advantage of before the Department loses their services. The specific work to be undertaken will be arranged from year to year.

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In addition, it is necessary to train men to continue the work in later years. Sub Assistant Geologists who show special aptitude for this class of work will be selected and put on to amplifying and revising the systematic survey work already accomplished and gaining the necessary experience and training under the senior officers.

A map, on a scale of 1 inch to a mile, has already been compiled and shows the consolidated results of the work already done. This requires to be constantly added to and revised, with a view to subsequent publication, after a further definite stage of progress has been reached as the result of the programme outlined above. The work of keeping this map up to date may be allotted to the Deputy Director. It will be a matter of some 5 to 10 years, according to the time at the disposal of the senior officers, before sufficient progress can be expected to justify the commencement of publication of the large map.

(3) Mineral exploration and Prospecting. This is an important part of the work of the Department which should follow up the results of the geological survey work. A good deal of attention has been paid to it in recent years but owing to the small staff available the progress of the geological survey has been seriously retarded. It is very desirable that the work should be carried on independently of the survey work though based thereon and to this end it is necessary to place the work in charge of a senior officer under the general instructions of the Director. It is proposed, therefore, to make the Senior Geologist responsible for the work and to allocate to it certain of the Assistant Geologists and Sub Assistants.

The work to be done involves the exploration, prospecting and sampling of mineral areas, especially new areas or minerals reserved to Government, and the preparation of maps and sketches of ore deposits.

The

The prospecting work should be confined to simple excavations and comparatively shallow pits or shafts and does not contemplate deep working or workings on an extended scale. Deep working and the winning of ore on a commercial scale is not work which can properly or profitably be undertaken as part of the regular work of the Department. It should be left mainly to private enterprise and if, in any particular case, it is necessary or desirable for Government to carry out actual mining work special arrangements and a special staff should be provided.

The work should aim at investigating and recording the mineral resources of the State not merely in view of immediate requirements but with a view to possible future developments.

The iron, manganese and chrome ores require to be more closely investigated, as well as such minor minerals as limestone, clay, magnesite, asbestos, graphite, corundum, bauxite, etc.

All of these investigations cannot be taken up at once and Sub Assistants require to be entertained and trained for the work which will be taken up on yearly programmes according to the staff available.

(4) Supervision of Prospecting Work. The major portion of the mining and prospecting work in the State must be carried on by private enterprise - it would be quite impossible for any Departmental staff to deal with even a small fraction of it or to carry it out on a commercially successful basis. It is very important, however, that privately conducted prospecting work should be subject to much closer supervision than in the past and this should form an essential part of the prospecting staff referred to in para (3).

Close touch should be maintained with all prospecting work in progress and maps, sections and sketches should be prepared showing the work done, the adjacent geological features and the disposition and character of the ore bodies.

In

In the case of much prospecting work, the licensee will not be in a position to prepare such maps, sketches, &c., nor to fill in details of scientific and economic interest. This work should be done by the Department not only as an aid to prospectors but for the information and experience it will afford to the Department. The records thus obtained should be of great use and value and the assistance and advice which can be given to prospectors would be useful and welcome.

(5) Development of Mineral and Metallurgical Industries. The development and working of industrial concerns cannot be undertaken by the regular staff of the Department. Preliminary investigations, experiments and proposals may be made and technical advice obtained thereon, but if commercial enterprise is to follow it should be placed in private hands, with or without Government share or control, or special staffs should be entertained for the business in view or the matter handed over to the Department of Industries and Commerce according to circumstances and the nature of the work required. It is not possible to maintain the organization and efficiency of the Department or to carry out systematic programmes if officers are liable to be diverted to duties additional to, or outside of, their proper spheres of work.

The State has now undertaken a commercial iron and steel scheme which was investigated and developed by the Department. Expert technical assistance has been obtained and the work will be carried out by a special agency and staff. Certain portions of the work will be controlled and carried out by Government and it has been decided to place Dr.W.F.Smeeth, the present Director of Mines and Geology, on deputation for special duty in connection with the above scheme and in connection with the investigation of certain other schemes which have been proposed and on which it is desired to arrive at definite practical conclusions as early as possible.

(6) Geological Museum and Laboratory. Type collections of the chief rocks and minerals of the State have been arranged in the Geological Museum at Lambourne House. The work of keeping the Museum up to date, storing and classifying the various collections which are continuously being added to and work in connection with samples and enquiries sent in by the public and by Departmental Officers on Field Service demands the attention of a whole time officer at Head Quarters. In order to provide for this, it is proposed to place a Sub Assistant Geologist on duty as Curator for a period of one or two years after which he will revert to regular Field work and other duties and will be replaced by another Sub Assistant as Curator. This means that one Sub Assistant will always be at Head Quarters for attention to the duties specified and will at the same time receive special training in petrology, mineral determinations, classification of rocks, &c., from the Senior Officers present. The Curator will work under the general control and instructions of the Deputy Director. With regard to a laboratory, this has still to be provided and when available it will materially increase the usefulness of the Department and improve the training of Assistants.

(7) Sub Assistants. The reorganization scheme provides for (6) 5 Sub Assistants of whom only three will be available to start with. The others will have to be entertained and trained as soon as possible, as without them the above programme cannot be carried out completely. All Sub Assistants will be taken on as Probationers for two years and will be confirmed only if capable and satisfactory. Provision is made for 2 Probationers in addition to the (6) 5 Sub Assistants, but these will not be entertained until the full number of Sub Assistants have been secured and then only when required to fill up actual or prospective vacancies. Probationers will thus be taken on only at intervals as required to fill vacancies, and will not form a regular addition to the staff.

Of the 6 Sub Assistants one will always be at Head Quarters as Curator of the Museum. An average of 2 or 3 should be devoted to geological survey work and 3 (or 4) should be devoted to mineral exploration and prospecting. In the grade of Assistants endeavours should be made to promote alternately the most promising men for survey work and for prospecting work so as to keep a well balanced staff in the higher grades. For the same reason it may be desirable at some future time to interchange some of the technical duties of the Deputy Director and Senior Geologist according to the special qualifications of officers who may rise to these grades.

It should be clearly understood that promotion from one grade to another depends on there being a vacancy and that the selection of an officer for promotion depends entirely on ability and satisfactory work and not on seniority.

Inspection of Mines and Explosives.

(NOTE.- I have thought over the question of nomenclature very carefully. In the past the Geological Department attended to the grant of licenses and leases and prospecting work and it was only at the recent reorganization of 1915 that the name "Department of Mines and Geology" was adopted. Now that the Inspection of Mines is to be separated, there is less need for this and on full consideration, I think it would be simple and satisfactory to revert to the title "Geological Department." This corresponds to "Geological Survey of India" which also deals with grant of licenses and leases. We can then adopt the title "Department of Mines and Explosives" for the Department which deals with the Inspection of Mines and Explosives and statistics relating thereto. I suggest that these titles may be adopted.

Department of Mines and Explosives.-

The Department will be under the administrative control

of the Chief Inspector of Mines. The Mining Branch will deal with the Inspection of Mines on the lines already organized under the Mysore Mines Regulation and Rules.

The exact class of mining operations to which the Regulation and Rules apply requires to be more clearly defined, but at present it may be defined as embracing all mines or mining blocks held under mining leases and such prospecting blocks as may be specially placed by order of Government under the supervision of the Inspector of Mines.

The work of mine inspection has already been fully organized and it is only necessary to state that the Department shall be responsible for inspection work not only on the Kolar Gold Field but throughout the State. For this purpose it is necessary that the officers of the Department should be provincial officers with Head Quarters at Oorgaum.

In addition to the inspection of mines under the Mines Regulation and Rules, it is necessary that the Department should undertake the preparation of statistics and returns of output of minerals, labour employed and royalty and other dues payable to Government for all mining and prospecting work in the State. Hitherto these returns have been prepared partly by the Inspection of Mines Branch and partly by the Geological Branch of the Department of Mines and Geology and this divided control and responsibility has proved unsatisfactory. In future one Department will be responsible for all such returns and the proper Department to take charge of the work is the Department of Mines.

Inspection of Explosives. Hitherto the Inspection of Explosives has formed part of the Geological Branch of the Department of Mines and Geology. In future it will come under the new Department of Mines and Explosives. The Inspector of Explosives will, therefore, be placed under the administrative control of the Chief Inspector of Mines, but he will continue to be responsible for carrying out the technical provisions of the Mysore Explo-

sives

Explosives Regulation and Rules and for the supervision of the work of District Officers and Police in regard to the issue of licenses and inspection of premises.

The Inspector of Explosives will be provided with an Assistant who will undergo training in the Inspection work and assist the Inspector in the work to be done. The statutory inspection work under the Explosives Regulation and Rules is insufficient to occupy the whole time of the Inspector of Explosives and his Assistant and these officers will be charged, under supervision of the Chief Inspector of Mines, with the collection and preparation of statistics and returns relating to mineral output, labour and royalties for all mines and prospecting works.

It is very desirable that this work should be placed in charge of a single officer who will be responsible for the collection and preparation of these statistics and returns and make such inspections and enquiries as will afford a reasonable check upon their accuracy.

Sd/ W.F. Smeeth,
Director,
Department of Mines and Geology.

Bangalore,
19th March 1919.

"COPY"

Registrar,
For Director,
Department of Mines & Geology,
(absent from the station.)

cvv

19th March 1919.

125

G. R. S. VI—G/32]

SUBJECT.....

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.....

Diary No. of letter replied to .. ..

Section ~~Geol~~
File No. 69-18.
Serial No. 7

GENERAL AND REVENUE SECRETARIAT
( )
, *the* 191 .

No. 21184 & 22/3/19.

Date of issue 22/3

To Dr. Smeeth

Signed by Mr CS Dalagmdr

Dear Dr Smeeth,

In connection with the reorganisation of this Department it is under contemplation to provide for some prospecting work being done as part of the work of this Department on a commercial basis, the prospectors being men who will ~~be~~ work for the Department and will be paid ~~on results~~ salaries and bonus on successful discovery

over.

I am desired to request you to kindly
furnish a suitable scheme on the above
lines for the consideration of Govt.
~~Awaiting a very early~~

Can you kindly send a very early reply?

Yours truly

(Ch Se)

List of enclosures.

Copied by

Examined by

W D86—GPB—60,000—15-11-16

Confidential.

17002

CHIEF SECRETARIAT IV MINOR Depts. 26 MAR 1919

Please address all future communications to the Comptroller to the Govt. of H.H. the Maharaja of Mysore.
In reply to this Comn. please refer to

No. Books.2808. 2/2

OFFICE OF THE COMPTROLLER TO THE GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE.

Dated, Bangalore, the 25th March 1919.

Geol 69-18-8

FROM

M. N. KRISHNA RAO, ESQ., B.A.,

Comptroller to the Government of

His Highness the Maharaja of Mysore.

To

C. S. Balasundaram Iyer, ESQ., B.A.,

Chief *Secretary to the Government of Mysore,*

Bangalore ~~*Department.*~~

SIR,

I have the honor to return herewith duly verified the two Proposition Statements relating to the Geological Department, received with your letter No. G.2091-Geo.69-18-4 dated 19th March 1919.

I have the honor to be,

Sir,

Your most obedient servant,

M N Krishna Rao

Comptroller.

SAM.

WD A 0610—GPB—5,000—10-8-17

C. O. 42-Rec.—17]

.....Department

191

FROM

M. N. KRISHNA RAO, ESQ., B.A.,
Comptroller to the Govt. of
H. H. the Maharaja of Mysore.

To

.....ESQ.,
Secretary to the Govt. of Mysore,
Dept.

Dated

Despatched

Received

No.....

Subject matter.

Finance and Accounts Form 11 }

(*Vide* Art. 57, C. A. C., Vol. I, and Rule 23, Part I, Chapter

Finl. 200]

STATEMENT OF PROPOSITION

Name of Office to which the

Government orders sanctioning present establishment		Nature of Charge										
		Present Scale						Proposed Scale				
				Pay.			Average Cost			Pay		
No.	Date	No.	Designation	Minimum	Rate of Increase	Maximum		No.	Designation	Minimum	Rate of Increase	Maximum
		1	Director of Mines & Geology	1500	100	1800 PA 200	1740 +P.A.200	1	Director, Dept of Geology	1200	50/1	1400
		1	Senior Geologist	400	30/3	700	583 1/3	1	Senior Geologist Deputy Director	750	50/1	900
		2	Assistant Geologists	300	50/3	450 +50 P.A.	750 +100 P.A.	1	Junior Geologist Superintendent	500	40/1	700
								2	Assistant Geologists	300	25/1	450
								1	Superintendent			
		5	Sub Assistant Geologists	100	25/2	250	875	6	Sub Assistant Geologists	100	15/1	250
		1	Registrar	100	10	150	137 1/2	1	Office Assistant	150	10/1	200
		1	Probationer			75	75	2	Probationers			75
		11						14				
		1	Chief Inspector of Mines	750	50	1000 +100 +150 L.A.	916 2/3 +100 +150 L.A.	1	Chief Inspector of Mines & Explosives in Mysore	1200	50	1400
		1	Inspector of Mines			700 +100 PA	700 +100 P.A.	1	Inspector of Mines	500	50	801 +100 +100
		1	Sub Inspector of Mines	100	50/3	250 +50 L.A.	175 +50 L.A.	1	Assistant Inspector of Mines	300	25/1	450 +75
								1	Junior Inspector of Mines	100	15/1	250 +50
		1	Deputy Inspr of Mines & Inspr of Explosives	400	30	700	583 1/3	1	Inspector of Explosives	400	30	700
								1	Assistant Inspr of Explosives	100	15	250
		2	Assistant Chemists	70	10	150	241 1/3	2	Assistant Chemists	70	10	150
		6	Total				6777 +500 P.A. +200 A.P.	8				

Note.—To be prepared in duplicate and forwarded through the Comptroller in Mysore and

Present & proposed scales verified. The proposal is sanctioned with reference to Govt Order No. [illegible] dated [illegible]

I of the Financial Rules circulated with G. O. No. Fl. 1150—1192, dated 7-2-1903)

FOR REVISION OF ESTABLISHMENT

roposition relates.....

GPB—2,000—3-8-15

Average Cost	Proposition: Permanent: Increase per month: Amount	Proposition: Permanent: Decrease per month: Amount	Proposition: Temporary: Increase per month: Period	Proposition: Temporary: Increase per month: Amount	Proposition: Temporary: Decrease per month: Period	Proposition: Temporary: Decrease per month: Amount	Grounds of Proposition	Comptroller's Report	Orders of Government: Department concerned: Remarks	Orders of Government: Financial Department: Remarks	Orders of Government: Financial Department: Orders
1346 2/3	—										
870											
633 1/3											
1195											
1150											
187 1/2											
150											
1346 2/3											
696 2/3											
+100											
+100											
398 1/3											
+75											
191 2/3											
+50											
583 1/3											
191 2/3											
141 1/3											
1182 1/2											
+100											
+225											

2405 400 A 25 A

for chief Secretary to Govt

be followed by a reappropriation statement if the proposal involves additional expenditure.

D

Sd Charlotte Threlfield
Asst
Controller 22-2-19

Finance and Accounts Form 11

Finl. 200

(*Vide* Art. 57, C. A. C., Vol. I, and Rule 23, Part I, Chapter I

STATEMENT OF PROPOSITION

Name of Office to which the P

Government orders sanctioning present Establishment		Nature of Charge											
		Present Scale						Proposed Scale					A
				Pay			Average Cost			Pay			
No.	Date	No.	Designation	Minimum	Rate of Increase	Maximum		No.	Designation	Minimum	Rate of Increase	Maximum	
		1	Director	1500	100	1800 p.a. 200	1740 + p.a. 200	1	Director, Dept of Geology	1200	50/1	1400	
		1	Senior Geologist	400	30	700	583 1/3	1	Deputy Director	650	50/1	900	
		2	Assistant Geologists	300	50/3	450 + 50 P.A.	750 + 100 p.a.	1	Superintendent 4th grade (to be absorbed	500	25/1	600	
								2	Asst Geologists	300	25/1	450	
		5	Sub Asst Geologists	100	25/2	250	875	4	Sub Asst Geologists	100	15/1	250	
		1	Registrar	100	10	150	137 1/2	1	Personal Assistant	150	10/1	200	
		1	Probationer			75	75	2	Probationers			75	
		1	Chief Inspector of Mines	750	50	1000 + 100 + 150 L.A.	916 2/3 + 100 + 150 L.A.	1	Chief Inspector of Mines	1200	50/1	1400	
		1	Inspector of Mines			700 + 100 P.A.	700 + 100 p.a.	1	Inspector of Mines	500	30	800 + 100 L.A.	
		1	Sub-Inspector of Mines	100	50/3	250 + 50 L.A.	175 + 50 L.A.	1	Assistant Inspector of Mines	300	25/1	450 + 50 L.A.	
								1	Junior Inspr of Mines	150	20	250	
		1	Deputy Inspector of Mines & Insp of Explosives	400	30	700	583 1/3	1	Inspector of Explosives	400	30	700	
								1	Assistant Insp of Explosives	100	15	250	
		2	Asst Chemists	70	10	150	241 1/3	2	Assistant Chemists	70	10	150	
			Total:				6777 1/6 + 500 p.a. + 200 L.A. 7477 1/6						

A Pay of present incumbent raised to 1100.

Present & Proposed Scale checked & Verified.

Note.—To be prepared in duplicate and forwarded through the Comptroller in Mysore and sho

Accountant General 22-3-19

of the Financial Rules circulated with G. O. No. Fl. 1150—1192, dated 7-2-1903)

FOR REVISION OF ESTABLISHMENT

oposition relates.....

GPB—2,000-3-8-15.

Average Cost	Proposition						Grounds of Proposition	Comptroller's Report	Orders of Government		
	Permanent		Temporary						Department concerned	Financial Department	
	Increase per month	Decrease per month	Increase per month		Decrease per month				Remarks	Remarks	Orders
	Amount	Amount	Period	Amount	Period	Amount					
	1346 2/3										
	816 2/3										
	573 1/3										
	796 2/3										
	766 2/3										
	187 1/2										
	150										
	1346 2/3										
	683 1/3										
	1100 A.										
	398 1/3										
	+50 A.										
	216 2/3										
	583 1/3										
	91 2/3										
	241 1/3										
	2985	1521				500 A.					
	150 A.					50 A.					
	485										
	6										

Yr. Secretary to Govt.

followed by a reappropriation statement if the proposal involves additional expenditure.

Geol 69-8-84

22388(1)110

To D^r Smeeth

G.R.S. 27]

GENERAL AND REVENUE SECRETARIAT.

Continuation sheet draft form.)

Dear Doctor Smeeth,

With refce to correspondence ending with your do letter no 2803 dated 20.3.19 regarding the programme of work for the Dept^t of Mines & Geology when reorganised I am desired to send you for favour of remarks thereon if any the Govt proposed to issue in the matter. Kindly return it with your remarks early in regard to prospecting work on a commercial basis forming a part (page 9 of draft) of the programme, please refer also to my do letter no 21184/Geol 16/19 dated 22nd March. to which I have not received any reply.

May I request the favour of a very early reply to this letter.

Yours sincerely
Ag

Ag
31.3.19.

Confidential.

D.O. No. 3005. dtd.

End. One.

111

DEPARTMENT OF MINES AND GEOLOGY,
MYSORE STATE.

Bangalore, 11th April 1919.

Dear Mr. Balasundaram Iyer,

In reply to your Confidential D.O.No.G.22388, dated the 3rd instant, I am returning herewith the Draft Order regarding the Reorganization of the Department - on the margin of which I have made some amendments in pencil; otherwise the draft may be allowed to stand. I add the following few remarks for the information of Government.--

On page 6, the words "and Explosives" should be omitted from the designation of the Head of the Department. The Chief Inspector of Mines will be administrative head of the Department of Mines and Explosives, but in technical matters he will not be an executive Inspector of Explosives.

Sub heading (b) on page 9 may be omitted. As I have already stated, I am not prepared to offer any scheme for prospecting work on the system of Retainer and Bonus on successful discovery. I do not at present see how it would work or how it could be ~~registrated~~ reduced to writing and I beg that this may be omitted from the order and reserved for separate consideration.

With regard to the inspection of explosives, the Draft Order states that the Inspector of Explosives will also deal with the inspection and licensing of Petroleum and Petrol installations. I think this is a necessary provision and this work together with the regular inspection of explosives and personal supervision of the large number of magazines belonging to the Public Works Department, will give the Inspector of Explosives and his Assistant quite enough to do. This being so, we must relieve him of the work of the collection and preparation of mining statistics and returns as suggested on page 8 of my scheme of work for the Departments. We must, therefore, make other arrangements for the collection and preparation of these returns. We

cannot

cannot put the work on to the Chief Inspector of Mines since he will not have enough of ~~time~~ staff available. The work will have to be taken care of by the Officer of the Geological Department in charge of the supervision of prospecting work and a special clerk will be allotted to him for this purpose. This will on the whole be a suitable and convenient arrangement as that officer and the officers associated with him will be in constant touch with the prospecting work which is being carried on. The detailed statistics of work on the large mines on the Kolar Field will as heretofore be collected and prepared by the Chief Inspector of Mines who will, however, forward necessary copies of these statistics to the Geological Department for inclusion in their consolidated statistics of all mineral outputs, labour employed and returns to the Government.

The work of the Explosives Branch will be under the administrative control of the Chief Inspector of Mines, who will exercise such supervision as may be required to see that it is being regularly and consistently carried out. This may be arranged for without the necessity of making Oorgaum the Head Quarters of the Explosives Branch and that work may be carried on as heretofore from Bangalore.

In view of the increase in our staff and the shortage of accommodation in the Lambourne House, I earnestly beg that some accommodation may be found for the Inspector and Assistant Inspector of Explosives and the Clerk attached to them. We cannot afford this accommodation at Lambourne House and we should be in still greater difficulties as soon as we get some of our new men. A couple of rooms might be provided at some other office or in some other House in Bangalore.

If

If these suggestions are approved, I would like to slightly modify my Scheme of the work of the Department in accordance therewith, before it is printed as an appendix to the Reorganization Order. It will help to clear up the position and avoid the expression of divergent views.

Yours sincerely,

M. Visvesvaraya

C.S.Balasundaram Iyer, Esq., B.A.,
Chief Secretary to the Government
of H.H. the Maharaja of Mysore,
Bangalore.

Confidential.

Proceedings of the Government of H.H
the Maharaja of Mysore.

****

R e a d:-

Government order No.G.8445-93/
G.M.292-14-1 dated the 9th February 1915
regarding the Reorganisation of the Geo-
logical Department.

2. Letter No.1854 dated the 13th
January 1919, from Dr.W.F.Smeeth,
Director, Department of Mines and Geology
submitting a note regarding the changes ne-
cessary in the general policy, and grad-
ing and distribution of officers as well as
allocation of work in the Department and
proposing certain arrangements for
allowing him more time for developing
schemes which he studied while on his re-
cent deputation to Europe and America,
and for the better administration of the
Mining and Geological Branches, the
latter in respect both of scientific
prospecting and economic investigation.

****

Order No.

Dated Bangalore, 1919.

The Geological Department was first
constituted in the year 1894, ~~with a
staff of officers~~ with the principal
object of carrying out a complete Geolo-
gical survey of the State on the most
approved scientific principles and the
publicatio

publication of the results of such survey in the form of maps and bulletins. Previously to this, a special survey of the auriferous tracts of the State had been ordered in the year 1886 and the results of this and a later survey made by Mr.R.Bruce Foote of the Geological Survey of India in 1887 were published as a report in the latter year, but a survey of the whole State with a view to ascertain its mineral possibilities was thought of only in 1890 and the department formed four years later.

In the order constituting the Department, the following items of work were assigned to it in addition to the survey which was to be the main part of the programme:-

(1) The training of young men to be Geologists and Mining Engineers, including instruction in Geology for the B.A.Examination of the Madras University in the Central College, Bangalore;

(2) The collection of objects of Geological, Mineralogical, Metallurgical and Mining interest in a Museum;

(3) The maintenance of a laboratory for mineral assay and analysis; and

(4) The inspection and supervision of the gold mines then existing.

This continued to be the programme of the Department for the next twenty years with only a few changes. The work

of

of controlling the storage and use of explosives was taken up in the year 1894 and the imparting of instruction in Geology in the Central College was dissociated from the Department in 1909. - During this period, two-thirds of the - area of the State were more or less accurately surveyed and the results of the - survey published in the shape of reports and maps, in addition to memoirs, bulletins and notes issued from time to time. But owing to the growth of miscellaneous duties and the want of a suitably trained staff in the earlier years, the department was not able to devote adequate attention to some of the functions -- assigned to it in the original order.

Secretariat work relating to the department which was first attended to in the General & Revenue Secretariat was transferred to the department from the year 1896.

A reorganisation was therefore made in 1915 and in Government order No 68445-93 & M 292-14-1 dated 9-2-1915 the programme laid down in 1894 was revised in the light of the experience that had been gained. The work of the Department was classified under four main heads:-

i. Geological Survey & Exploration,
ii. Inspection of Mines & Explosives,
iii. Production of Minerals and the - development of Metallurgical industries on a commercial scale, &
iv. Training of Geologists, Mining Engineers and Prospectors.

Special emphasis was laid upon the production of minerals and the development of metallurgical industries on a commercial scale. The position and prospe

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of the officers of the Department were improved in view of the increased responsibility placed on them and in order to give the Head of the Department relief from some routine work and allow of his devoting more attention to his -- scientific work, the Secretariat work - till then attended to by the Head of the Department was transferred to the General and Revenue Secretariat.

On further examination it is found that in order to carry out the policy laid down in 1915, and to meet the needs of the ~~Departments~~ Branches concerned during the next ten years, it is necessary to make a more thorough revision of the organisation. While the investigation of the mineral possibilities of the State with a view to their exploitation on a commercial basis is undoubtedly and urgently called for, it is felt that the Geological Survey of the State should receive adequate attention and - should be carried out to completion - early. A definite allocation of the - officers of the Department to these two branches of work is therefore necessary. A more systematic and liberal grading is also required to attract to the Department the best type of men available and to fit them in course of time for the more responsible offices of the Department. It is also desirable to separate the various branches of the work so far supervised by Dr.Smeeth, viz., the Geological, the Mining and the Explosives - branches, and to allocate responsibility

I am systematically & continuously.

agree

Yes

to separate officers in regard to each. Under the existing arrangement though one officer as the Head of all the Departments has so far attended to all these branches himself, yet Government consider that the work has for many years past been too discussive and complex for any one officer to control. The Department has at present no representatives in the districts and as the officers of the Revenue Department have often been unable to give prompt attention to requisitions from the Department, thorough supervision of the activities of prospectors in the districts and any check of work done under prospecting and other licenses has been found to be impossible. This has to be remedied. Government are also anxious that Dr.Smeeth should be allowed to have more time for developing certain schemes which he has studied during his recent deputation in Europe and America; and this, it is feared, will not be possible if he is to attend, as heretofore to the ordinary work of the Departments.

The time has now come to remedy defects which are incidental to the expansion of the work of the Dept during the past 20 years, and to divide the various branches of the work amongst officers to whom definite duties and responsibilities will (can) be allocated.

Government are therefore pleased to direct as follows:-

Dr.Smeeth will, until further orders, be placed on special duty. Separate orders will issue regarding his functions and responsibilities.

The present Department of Mines and Geology will be divided into two separate departments designated (1) the Geological Department and (2) the Department of Mines and Explosives.

The

119

The Explosives ~~Department~~ Branch will form a part of the Mining Department and will be in charge of an Inspector of Explosives with an Assistant who will be a chemist with some experience of building construction and drawing.

Revision of Staff.

The following staff will be provided for these departments on the pay and allowances shown in the proposition statement appended:-

Geological Department.

1 Director
1 office Assistant to the Director
1 Deputy Director
1 Senior Geologist
3 Assistant Geologists
6 Sub-Assistant Geologists
2 Probationers
2 Assistant Chemists

Department of Mines & Explosives

1 Chief Inspector of Mines ~~and Explosives~~ in Mysore.
1 Inspector of Mines
1 Inspector of Explosives
1 Assistant Inspector of Mines
1 Junior Inspector of Mines
1 ~~Junior~~ Inspector of Explosives.

assistant

The pay and prospects of the Chemists in the Department will be settled along with the question of the pay and prospects of Chemists in other departments of the State which the Government have in view.

The

The financial effect of sanctioning the revised staff for the two departments is shown in the proposition statement from which it will appear that the extra expenditure involved when the whol scheme is brought into force will be - Rs.* for the Geological Department and Rs.⊙ for the Mining Department or a total of Rs.⊗ P.M.

* Dewans proposal Rs 176 2/3 P.M.
Second Memoir proposal Rs 1071 2/3 P.M.

⊙ Rs 795 / Rs 958 1/3

⊗ Rs 971 2/3 / Rs 2030

The existing officers of the two departments will be allocated in the revised grades as below:-

Geological ~~Branch~~ Department.

Director - Dr Krieltz (To be on special duty) Mr B Jayaram (to officiate)

Deputy Director - Mr.B.Jayaram (to be Offg.Director) Mr. Sampat Iyengar (to officiate)

Office Assistant- Mr.Varadaiya.

Senior Geologist- Mr.Sampath Iyengar (To officiate as Deputy Director) Mr. Sen (to officiate)

Assistant Geologists. - Mr.A.M.Sen (to officiate as Senior Geologist)

- Messrs.B.N.Venkataramiah and B.Balaji Rao.

Sub-Assistant Geologists - Messrs.T.P.Kailasam, B.Rama Rao and V.T. Venugopal.

Assistant Chemists - Messrs.Anantanarayana Iyer & Tirumalachar.

Dept of Mines & Geology

~~Mining Branch~~.

Chief Inspector of Mines - Mr.R.Boccuet

Inspector of Mines - Mr.L.H.Peckwith

Junior Inspector of Mines - Vacant

Assistant Inspector of Mines - Mr.C.E.Suryanarayana Rao.

Explosives

Explosives Branch.

(Under Administrative Control of the Chief Inspector of Mines)

Inspector of Explosives	)	Mr. [illegible] Setlur
Assistant Inspector of Explosives	)	Vacant.

The work of the Departments.

The work of the Geological Department will be mainly under the following heads:-

(1) Geological Survey.-

Continuance and development of the survey of the State on scientific lines.

Training junior members of the Departmental staff in survey work by putting them to amplify and revise the systematic survey already accomplished.

Preparation of a map on a scale of 1 inch to a mile of further surveys and bringing the map already compiled up-to-date from time to time with a view to the eventual publication of a large map.

(2) Mineral Exploration & Prospecting.

(a) Exploration, prospecting and sampling of mineral areas and the preparation of maps and sketches of ore deposits with a view to investigate and record the mineral resources of the State both in view of immediate requirements and of possible future developments.

Closer investigation of the Iron, Manganese and Chrome ores and important minor minerals such as --

limestone, asbestos and graphite.

(b) Prospecting work on a commercial basis [A in margin] to be carried out on receipt of or quarter proposals

(5) Supervision of prospecting work.

3 (~~4~~) The development of Mining and Metallurgical industries.-

The work of developing mineral and Metallurgical industries will, so far as the Geological Department is concerned, consists in developing the results of economic investigations to the stage in which - practical action can be taken on them when they should be communicated to the Industries Department for such use as may be possible.

4 (~~5~~) The development of the Geological Museum and Laboratories.-

(6)

The actual work to be done under each head is described in detail in the note prepared by Dr.Smeeth on the programme of the Department which is appended to this order.

The Director will, at the beginning of every year, submit, for the information of Government a detailed programme of work for the year on the above lines.

The work of the Mining Department and the Explosives Section will be the same as heretofore. Mr.Setlur will continue to be Inspector of Explosives and be divested of his duties as Deputy -

Inspector

A Government are of opinion that the prospecting work of the Department should be run on commercial lines, provision being made for the grant to the staff employed on the work of retainer & bonus on successful discovery

Inspector of Mines. He will also d·al with the Inspection and licensing of petroleum and petrol installations. It is expected that as a result of this arrangement the Inspector of Explosives will be able to devote more attention than appears to have been possible -- hitherto to the statutory inspection of explosives and to see that the local - inspections by the Magistracy and Polic are also carried out.

Separate orders will issue in regar to the reorganisation of the subordinat and menial staff of the Departments con sequent on the arrangements sanctioned above.

3/4/49

To

Chief Secretary to Govt

The Director, Department of Mines and Geology.

The Comptroller, thro' Fl.Sectt.

The Director of Industries and Commerce.

The Secretary, Economic Conference.

Other Heads of Departments.

The Dy. Commrs. of Dts.

KNN.

G. R. S. Vl—G/32]

SUBJECT.....

.....

.....

Diary No. of letter replied to.....

GENERAL AND REVENUE SECRETARIAT

( )

, the *191* .

Date of issue.....

Signed by.....

Section Geol

File No. 69-18

Serial No. 9

No. G 28 475

To

The emptolly to Govt

Sir,

I am directed to ——

forward herewith for favour of ——

verification and early return a proposit

statement for the reorganization of

staff of the department of Mines &

Geology.

I have etc

24/6/19

Drafting Secretary Govt.

over.

Finance and Accounts Form 11

(*Vide* Art. 57, C. A. C., Vol. I, and Rule 23, Part I, Chapter II

Finl. 200]

STATEMENT OF PROPOSITION 1

Name of Office to which the Pro

Government orders sanctioning present Establishment		Nature of Charge										
		Present Scale					Proposed Scale					
				Pay						Pay		
No.	Date	No.	Designation	Minimum	Rate of Increase	Maximum	Average Cost	No.	Designation	Minimum	Rate of Increase	Maximum	Ave Co
								1/3 of D. Smeeth's pay					66
		1	Director, dept of Mines & Geology	1500	100	1800 + 200 PA	1740 + 200 PA	1	Director, dept of Geology	1000	50	1200	114
		1	Senior Geologist	400	30	700	583 1/3	1	Senior Geologist	600	40	800	73
								1	Junior Geologist	500	25	600	57
		2	Assistant Geologists	300	50/3	450 + 50 PA	750 + 100 PA	2	Assistant Geologists	300	25	450	79
		5	Sub Asst Geologists	100	25/2	250	(875 + 58 1/3)	5	Sub Asst Geologists	125	25/2	250	100
		1	probationer			75	75	2	Probationers			75	1
		1	Registrar	100	10	150	137 1/2	1	Office Assistant	150	10	200	18
		2	Assistant Chemists	70	10	150	241 1/3	2	Assistant Chemists	70	10	150	2
							4402 1/6 + 300 PA						482
		1	Chief Inspector of Mines	750	50	1000 + 100 + 150 LA	916 2/3 + 100 + 150 LA	1	Chief Inspector of Mines & Explosives in Mysore	1000	50	1200	114
		1	Inspector of Mines			700 + 100 PA	700 + 100 PA	1	Inspector of Mines	600	40	800	73
		1	Sub Inspector of Mines	100	50/3	250 + 50 LA	175 + 50 LA	1	Assistant Inspector of Mines	300	25	450	39
								1	Junior Inspector of Mines	125	25/2	250	2
		1	Deputy Inspector of Mines & Inspector of Explosives	400	30	700	583 1/3	1	Inspector of Explosives	400	30	700	58
								1	Assistant Inspector of Explosives	125	25/2	250	2
							2375 + 58 1/3 + 200 PA + 200 LA						32
							6777 1/6 + 58 1/3 + 800 PA + 200 LA						8
							7477 1/6 + 58 1/3						
							7535 1/2						

Note.—To be prepared in duplicate and forwarded through the Comptroller in Mysore and should be

f the Financial Rules circulated with G. O. No. Fl. 1150—1192, dated 7-2-1903)

OR REVISION OF ESTABLISHMENT

position relates.....

GPB—2,000-2-8-15

Proposition						Grounds of Proposition	Comptroller's Report	Orders of Government		
Permanent		Temporary						Department concerned	Financial Department	
Increase per month	~~Decrease~~ per month	Increase per month		Decrease per month				Remarks	Remarks	Orders
Amount	Amount	Period	Amount	Period	Amount					

Increase

$126\frac{2}{3} - 58\frac{1}{3}$ ⊙ ×.

$= 68\frac{1}{3} + 666\frac{2}{3}$

$486\frac{2}{3}$

$613\frac{1}{3} - 58\frac{1}{3}$ ⊙ ×.

$= 555 + 666\frac{2}{3}$

$= 1221\frac{1}{3}$

M. Venkatarangayer
24. 6. 19.
for the Secy to Govt.

ted by a reappropriation statement if the proposal involves additional expenditure.

No. 21292 126

Please address all future communications to the Comptroller to the Govt. of H.H. the Maharaja of Mysore.
In reply to this Comn. please refer to
No. BOOKS 3507. Ref. 81.

19 -19
SECTION Geol 69-18-19

OFFICE OF THE COMPTROLLER TO THE GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE.

Dated, Bangalore, the 26th June 1919.

CHIEF SECRETARIAT IV MISCELLANEOUS 25 JUN 1919

FROM

M. N. KRISHNA RAO, ESQ., B.A.,
Comptroller to the Government of
His Highness the Maharaja of Mysore.

To

.....C.S.Balasundaram Iyer....., ESQ.,B.A.,
Chief *Secretary to the Government of Mysore,*
.....Bangalore.....*Department.*

SIR,

I have the honour to return herewith duly verified the Proposition statement relating to the reorganisation of the staff of the Depots of Mines and Geology which was received with your letter No.G.28475/Geol.69-18 dated 24th June 19. The extra cost involved by the Proposition is Rs 555 per mensem after taking into account the personal and local allowances under the existing scale.

I have the honor to be,
Sir,
Your most obedient servant,
M N Krishna Rao
Comptroller.

WD A 0610—GPB—5,000—10-8-17

C. O. 42-Rec.—17]

.....Department

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FROM

M. N. KRISHNA RAO, ESQ., B.A.,
Comptroller to the Govt. of
H. H. the Maharaja of Mysore.

To

.....ESQ.,
Secretary to the Govt. of Mysore,
Dept.

Dated

Despatched

Received

No.....

Subject matter.

8 copies

Confidential.

Yeol 69-182 11

Proceedings of the Government of H.H
the Maharaja of Mysore.

****

R e a d:-

Government order No.G.8445-93/ G.M.292-14-1 dated the 9th February 1915 regarding the Reorganisation of the Geological Department.

2. Letter No.1854 dated the 15th January 1919, from Dr.W.F.Smeeth, -- Director, Department of Mines and Geology, submitting a note regarding the changes necessary in the general policy, ~~and~~ grading and distribution of officers ~~and~~ allocation of work in the Department, and proposing certain arrangements for -- allowing him more time for developing schemes which he studied while on his recent deputation to Europe and America, and for the better administration of the Mining and Geology ~~Departments~~ Branches, the latter in respect both of scientific prospecting and economic investigation.

****

Order No. 7044-7100

Dated Bangalore, 18/9/1919.

The Geological Department was first constituted in the year 1894, ~~with a staff of officers~~ with the principal object of carrying out a complete Geological survey of the State on the most approved scientific principles and the

publicatio

publication of the results of such survey in the form of maps and bulletins. Previously to this, a special survey of the auriferous tracts of the State had been ordered in the year 1886 and the results of this and a later survey made by Mr.R.Bruce Foote of the Geological Survey of India in 1887 were published as a report in the latter year, but a survey of the whole State with a view to ascertain its mineral possibilities was thought of only in 1890 and the department formed four years later.

2. In the order constituting the Department, the following items of work were assigned to it in addition to the survey which was to be the main part of the programme:-

(1) The training of a number of young men to be Geologists and Mining Engineers, including instruction in Geology for the B.A.Examination of the Madras University in the Central College, Bangalore;

(2) The collection of objects of Geological, Mineralogical, Metallurgical and Mining interest in a Museum;

(3) The maintenance of a laboratory for mineral assay and analysis; and

(4) The inspection and supervision of the gold mines then existing.

3 This continued to be the programme of the Department for the next twenty years with only a few changes. The work

of

of controlling the storage and use of explosives was taken up in the year 1898 and the imparting of instruction in Geology in the Central College was dissociated from the Department in 1909. - During this period of twenty years two-thirds of the - area of the State were more or less accurately surveyed and the results of the - survey published in the shape of reports and maps, in addition to memoirs, bulletins and notes issued from time to time. But owing to the growth of miscellaneous duties and the want of a suitably trained staff in the earlier years, the department was not able to devote adequate attention to some of the functions -- assigned to it in the original order.

Secretariat work relating to the Dept which was first attended to in the Gen'l Adm Sectt was transferred to the Deptt from the year 1896.

4 A reorganisation was therefore made in 1915 and in Government order No. G 3445-93/G.M. 292-14-1 dated 9-2-1915 the programme laid down in 1894 was revised in the light of the experience that had been gained. The work of the Department was classified under four main heads:-

i. Geological Survey & Exploration,
ii. Inspection of Mines & Explosives,
iii. Production of Minerals and the - development of Metallurgical industries on a commercial scale, &
iv. Training of Geologists, Mining Engineers and Prospectors.

Special emphasis was laid upon the production of minerals and the development of metallurgical industries on a commercial scale. The position and prospect

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of the officers of the Department were improved in view of the increased responsibility placed on them and in order to give the Head of the Department relief from some routine work and allow of his devoting more attention to his -- scientific work, the Secretariat work - till then attended to by the Head of the Department, was transferred to the General and Revenue Secretariat.

5 On further examination it is found that in order to carry out the policy laid down in 1915, and to meet the needs of the ~~Departments concerned~~ several Branches of work during the next ten years, it is necessary to make a more thorough revision of the organisation. While the investigation of the mineral possibilities of the State with a view to their exploitation on a commercial basis is undoubtedly and urgently called for, it is felt that the Geological Survey of the State should receive adequate attention and - should be carried on systematically and ~~out to completion~~ continuously ~~early~~. A definite allocation of the - officers of the Department to these two branches of work is therefore necessary. A more systematic and liberal grading is also required to attract to the Department the best type of men available and to fit them in course of time for the more responsible offices of the Department. It is also desirable to separate the various branches of the work so far supervised by Dr.Smeeth, viz., the Geological, the Mining and the Explosives - branches, and to allocate responsibilit

to separate officers in regard to each. Under the existing arrangement, though one officer as the Head of ~~all~~ the Departments ~~has so far~~ attended to all these branches himself, yet. Government consider that the work has for many years past been too discursive and complex for any one officer to control. The Department has at present no representatives in the districts and as the officers of the Revenue Department have often been unable to give prompt attention to requisitions from the Department, thorough supervision of the activities of prospectors in the districts and any check of work done under prospecting and other licenses has been found impossible. ~~This has to be remedied.~~ Government ~~are also~~ anxious that Dr.Smeeth should be allowed to have more time for developing certain schemes which he has studied during his recent deputation in Europe and America, and this, it is feared, will not be possible if he is to attend, as heretofore ~~till now~~, to the ordinary work of the Departments.

The time has now come to remedy these defects which are incidental to the expansion of the work of the dept during the past twenty years and to divide the various branches of the work amongst the officers to whom definite duties and responsibilities will be allocated. Govt are also

6 Government are therefore pleased to direct as follows:-

Dr.Smeeth will, until further orders, be placed on special duty, ~~and~~ Separate orders will issue regarding his ~~duties~~ functions & responsibilities.

The present Department of Mines and Geology will be divided into two separate departments designated (1) the Geological Department and (2) the Department of Mines and Explosives.

The Explosives ~~Department~~ Branch will form a part of the Mining Department and will be in charge of an Inspector of Explosives with an Assistant who will be a chemist with some experience of building construction and drawing.

Revision of Staff.

7 The following staff will be provided for these departments on the pay and allowances shown in the proposition statement appended:-

Geological Department.

1 Director

1 Office Assistant to the Director

1 Deputy Director ~~(1 Deputy Director)~~

1 Senior Geologist

~~1 (Junior) Geologist~~

2 (3) Assistant Geologists

5 (6) Sub-Assistant Geologists

2 Probationers

2 Assistant Chemists

Department of Mines & Explosives

1 Chief Inspector of Mines ~~and Explosives~~ in Mysore.

1 Inspector of Mines

1 Inspector of Explosives

1 Assistant Inspector of Mines

~~1~~ Junior Inspector of Mines

1 ~~Junior~~ Assistant Inspector of Explosives.

The pay and prospects of the Chemists in the Department will be settled along with the question of revising the pay and prospects of Chemists in other departments of the State which the Government have in view.

The financial effect of sanctioning the revised staff for the two departments is shown in the proposotion statement from which it will appear that the extra expenditure involved when the whole scheme is brought into force will be Rs. ~~68~~ 118 1/3 p.m. for the Geological Department and Rs. ~~486~~ 911 2/3 p.m. for the Mining Department or a total of Rs. ~~505~~ 1030 /-

$68\frac{1}{3} + 50 = 118\frac{1}{3}$

$486\frac{2}{3} + 425 = 911\frac{2}{3}$

The existing officers of the two departments will be allocated in the revised grades as below :-

Geological ~~Branch~~ Department.

Director - Dr. Smeeth (to be on special duty)
Mr. B. Jayaram (to ~~officiate~~ be Asst. Director)

Office Assistant - Mr. Varadaiya.

~~Senior Geologist~~ Deputy Director - Mr. B. Jayaram (~~to be on special duty~~)
Mr. Sampatiengar (to officiate)

(~~Junior~~ Senior) Geologist - Mr. Sampath Iyengar (~~To officiate as Senior Geologist~~)
Mr. Sen, (to officiate),

Assistant Geologists. - Mr. A.M. Sen (to officiate as Junior Geologist)
- Messrs. B.N. Venkataramiah and B. Balaji Rao. (To officiate)

Sub-Assistant Geologists. - Messrs. T.P. Kailasam, B. Rama Rao and V.T. Venugopal.

Assistant Chemists. - Messrs. Anantanarayana Iyer & Tirumalachar.

Dept of Mines ~~Branch~~ and Explosives.

Chief Inspector of Mines in Mysore - Mr. R. Bocquet.

Inspector of Mines - Mr. L.H. Beckwith

Junior Inspector of Mines. - Vacant.

Assistant Inspector of Mines. - Mr. C.E. Suryanarayana Rao.

Explosives

Explosives Branch.
(Under the administrative control of the Mining & Mines).

Inspector of Explosives	()	Mr. B.I. Setlur
Assistant Inspector of Explosives	()	Vacant.

The above reorganisation of the staff and allocation will have effect from the 1st July 1919.

8 The work of the Departments.

The work of the Geological Department will be mainly under the following heads:-

(1) Geological Survey.-

(a) Continuance and development of the survey of the State on scientific lines.

(b) Training junior members of the Departmental staff in survey work by putting them to amplify and revise the systematic survey already accomplished.

(c) Preparation of a map on a scale of 1 inch to a mile of further surveys and bringing the map already compiled up-to-date from time to time with a view to the eventual publication of a large map.

(2) Mineral Exploration & Prospecting.

(a) Exploration, prospecting and sampling of mineral areas and the preparation of maps and sketches of ore deposits with a view to investigate and record the mineral resources of the State both in view of immediate requirements and of possible future developments.

(b) Closer investigation of the Iron Manganese and Chrome ores and important minor minerals such as --

limestone

limestone, asbestos and graphite.

(c) Prospecting work on a commercial basis.-

Government ~~are of opinion~~ consider it desirable that part of the prospecting work of the Department should be run on commercial lines, provision being made for the grant to the staff employed on the work of retainer and bonus on successful discovery. Detailed proposals in this regard may be submitted for the consideration of Govt. at an early date.

(Dr. Smeeth wants this to be reserved for future consideration).-

(d) Supervision of prospecting work.

(3) The development of Mining and Metallurgical industries.-

The work of developing mineral and metallurgical industries will, so far as the Geological Department is concerned, consist in developing the results of economic investigations to the stage in which practical action can be taken on them, when they should be communicated to the Industries Department or private syndicates for such practical action as may be possible.

(4.) The development of the Geological Museum and Laboratory.-

The actual work to be done under each head is described in detail in the note prepared by Dr. Smeeth on the programme of the Department extracts of which are appended to this order.

The Director will, at the beginning of every year, submit for the information of Government a detailed programme of work for the year on the above lines.

The work of the Mining Department and the Explosives Section will be the same as heretofore. Mr. ~~Smeeth~~ Sethna will continue to be Inspector of Explosives and be divested of his duties as Deputy Inspector

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Inspector of Mines. He will also deal with the Inspection and licensing of petroleum and petrol installations. It is expected that as a result of this arrangement the Inspector of Explosives will be able to devote more attention than appears to have been possible -- hitherto to the statutory inspection of explosives and to see that the local inspections by the Magistracy and Police are also carried out.

9 Separate orders will issue in regard to the reorganisation of the subordinate and menial staff of the Departments consequent on the arrangements sanctioned above.

Chief Secretary to Govt.

To

The Director, Department of Mines and Geology.

The Comptroller, thro' Fl.Sectt.

The Director of Industries and Commerce.

The Secretary, Economic Conference.

Other Heads of Departments.

The Dy.Commrs. of Dts.

KNN.

Finance and Accounts Form 11

(*Vide* Art. 57, C. A. C., Vol. I, and Rule 23, Part I, Chapter

Finl. 200]

STATEMENT OF PROPOSITIO

Name of Office to which the

Government orders sanctioning present Establishment		Nature of Charge										
		Present Scale						Sanctioned Proposed Scale				
				Pay.						Pay		
No.	Date	No.	Designation	Minimum	Rate of Increase	Maximum	Average Cost	No.	Designation	Minimum	Rate of Increase	Maximum
		1	Director, Dept of Mines & Geology.	1500	100	1800	1740 + 200 PA	1	Director, Dept of Geology	1000	50/1	1200
		1	Senior Geologist	400	30	700	583 1/3	1	Senior Geologist Dy. Director	600 650	40/1	800
								1	Senior Geologist	500	25/1	600
		2	Assistant Geologists	300	50/3	450 +50 PA	750 +100 PA	2	Assistant Geologists.	300	25/1	450
		5	Sub-Assistant Geologists	100	25/2	250	933 1/3 ~~875~~	5	Sub-Assistant Geologists	125	25/2	250
		1	Probationer	.	.	75	75	2	Probationers	.	.	75
		1	Registrar	100	10	150	137 1/2	1	Office Assistant	150	10/1	~~200~~
		2	Assistant Chemists	70	10	150	241 1/3	2	Assistant Chemists	70	10	150
		1	Chief Inspector of Mines	750	50	1000 +100 +150 LA	916 2/3 +100 +150 LA	1	Chief Inspector of Mines in Mysore	1000	50/1	1200 +200 L.A
		1	Inspector of Mines			700 +100 PA	700 +100 PA	1	Inspector of Mines	600	40/1	800 +100 L
		1	Sub Inspector of Mines	100	50/3	250 +50 LA	175 +50 LA	1	Assistant Inspector of Mines	300	25/1	450 +75 L
								1	Junior Inspector of Mines	125	25/2	250 +50 L
		1	Deputy Inspector of Mines & Inspector of Explosives	400	30	700	583 1/3	1	Inspector of Explosives	400	30	700
								1	Assistant Inspector of Explosives	125	25/2	250
							Hon 6835 1/3 ~~6777 1/3~~ + 500 PA + 200 LA 7535 1/3					

S 8445-93 | GM. 292-14-1 | Dt. 7-2-15.

The present Scale of Gazetted officers — Verified.

Note.—To be prepared in duplicate and forwarded through the Comptroller in Mysore and shou

II of the Financial Rules circulated with G. O. No. Fl. 1150—1192, dated 7-2-1903)

FOR REVISION OF ESTABLISHMENT

'roposition relates.....

GPB—2,000- 3-8-15

Average Cost	Proposition						Grounds of Proposition	Comptroller's Report	Orders of Government		
	Permanent		Temporary						Department concerned	Financial Department	
	Increase per month	Decrease per month	Increase per month		Decrease per month				Remarks	Remarks	Orders
	Amount	Amount	Period	Amount	Period	Amount					
1146 2/3											
733 1/3											
573 1/3											
796 2/3											
1000											
150											
687 1/2											
241 2/3											
1146 2/3											
200											
733 1/3	+100										
398 1/3	+75										
200	+50										
583 1/3											
200											
8090 1/2	555										
4475 1/2	612 1/3										
3565 1/2	1030										

New. The local allowances sanctioned by this Office vide its Memorandum No. 37163-4 Genl 30-16-6 dated 30/11/16.

Secretary

Sd/- Venkatesa Iyengar
24/6/19.
for Chief Secretary to Government.

be followed by a reappropriation statement if the proposal involves additional expenditure.

Government of His Highness the Maharaja of Mysore.

GENERAL AND REVENUE DEPARTMENTS.

G. O. No. G. 7041-7100—Geol. 69-18-11, dated 18th September 1919.

Re-organization of the Department of Mines and Geology.

Issuing orders on the——.

WD 750—GPB—16-10-19—465

Re-organization of the Department of Mines and Geology.

No. G. 7041-7100—Geol. 69-18-11, dated 18th September 1919.

PROCEEDINGS OF THE GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE.

GENERAL AND REVENUE DEPARTMENTS.

Read—

Government Order No. G. 8445-93—G. M. 292-14-1, dated the 9th February 1915, regarding the Re-organisation of the Geological Department.

2. Letter No. 1854, dated the 13th January 1919, from Dr. W. F. Smeeth, Director, Department of Mines and Geology submitting a note regarding the changes necessary in the general policy, grading and distribution of officers as well as allocation of work in the Department, and proposing certain arrangements for allowing him more time for developing schemes which he studied while on his recent deputation to Europe and America, and for the better administration of the Mining and the Geological branches, the latter in respect both of scientific prospecting and economic investigation.

Order No. G. 7041-7100—Geol. 69-18-11, dated 18th September 1919.

The Geological Department was first constituted in the year 1894, with the principal object of carrying out a complete Geological survey of the State on the most approved scientific principles and the publication of the results of such survey in the form of maps and bulletins. Previously to this, a special survey of the auriferous tracts of the State had been ordered in the year 1886 and the results of this and a later survey made by Mr. R. Bruce Foote of the Geological Survey of India in 1887 were published as a report in the latter year, but a survey of the whole State with a view to ascertain its mineral possibilities was thought of only in 1890 and the department formed four years later.

2. In the order constituting the department, the following items of work were assigned to it in addition to the survey which was to be the main part of the programme—

(1) the training of a number of young men to be Geologists and Mining Engineers, including instruction in Geology for the B. A. Examination of the Madras University in the Central College, Bangalore;

(2) the collection of objects of Geological, Mineralogical, Metallurgical and Mining interest in a Museum;

(3) the maintenance of a laboratory for mineral assay and analysis; and

(4) the inspection and supervision of the gold mines then existing.

3. This continued to be the programme of the department for the next twenty years with only a few changes. The work of controlling the storage and use of explosives was taken up in the year 1898 and the imparting of instruction in Geology in the Central College was dissociated from the department in 1909. Secretariat work relating to the department which was first attended to in the General and Revenue Secretariat was transferred to the department from the year 1896. During this period of twenty years, two-thirds of the area of the State were more or less accurately surveyed and the results of the survey published in the shape of reports and maps, in addition to memoirs, bulletins and notes issued from time to time. But owing to the growth of miscellaneous duties and the want of a suitably trained staff in the earlier years, the department was not able to devote adequate attention to some of the functions assigned to it in the original order.

4. A re-organisation was therefore made in 1915 and in Government Order No. G. 8445-93—G. M. 292-14-1, dated 9th February 1915, the programme laid down in 1894 was revised in the light of the experience that had been gained. The work of the department was classified under four main heads:—

(i) Geological Survey and Exploration,

(ii) Inspection of Mines and Explosives,

(iii) Production of Minerals and the development of Metallurgical industries on a commercial scale, and

(iv) Training of Geologists, Mining Engineers and Prospectors. Special emphasis was laid upon the production of minerals and the development of metallurgical industries on a commercial scale. The position and prospects of the officers of the department were improved in view of the increased responsibility placed on them and in order to give the Head of the department relief from some routine work and allow of his devoting more attention to his scientific work, the Secretariat work till then attended to by the Head of the department, was transferred to the General and Revenue Secretariat.

5. On further examination it is found that in order to carry out the policy laid down in 1915, and to meet the needs of the several branches of work during the next ten years, it is necessary to make a more thorough revision of the organisation. While the investigation of the mineral possibilities of the State with a view to their exploitation on a commercial basis is undoubtedly and urgently called for, it is felt that the Geological Survey of the State should receive adequate attention and should be carried on systematically and continuously. A definite allocation of the officers of the department to these two branches of work is therefore necessary. A more systematic and liberal grading is also required to attract to the Department the best type of men available and to fit them in course of time for the more responsible offices of the department. It is also desirable to separate the various branches of the work so far supervised by Dr. Smeeth, *viz.*, the Geological, the Mining and the Explosives branches, and to allocate responsibility to separate officers in regard to each. Under the existing arrangement, though one officer has as the Head of the department attended to all these branches himself, yet Government consider that the work has for many years past been too discursive and complex for any one officer to control. The department has at present no representatives in the districts and as the officers of the Revenue Department have often been unable to give prompt attention to requisitions from the department, thorough supervision of the activities of prospectors in the districts and any check of work done under prospecting and other licenses has been found to be impossible. The time has now come to remedy these defects which are incidental to the expansion of the work of the department during the past twenty years and to divide the various branches of the work amongst the officers to whom definite duties and responsibilities will be allocated. Government are also anxious that Dr. Smeeth should be allowed to have more time for developing certain schemes which he has studied during his recent deputation in Europe and America; and this, it is feared, will not be possible if he is to attend, as heretofore to the ordinary work of the department.

6. Government are therefore pleased to direct as follows:—

Dr. Smeeth will, until further orders, be placed on special duty. Separate orders will issue regarding his functions and responsibilities.

The present Department of Mines and Geology will be divided into two separate departments designated (1) the Geological Department and (2) the Department of Mines and Explosives.

The Explosives branch will form a part of the Mining Department and will be in charge of an Inspector of Explosives with an Assistant who will be a chemist with some experience of building construction and drawing.

7. *Revision of Staff.*—The following staff will be provided for these departments on the pay and allowances shown in the proposition statement appended:—

Geological Department.

1 Director.	2 Assistant Geologists.
1 Office Assistant to the Director.	5 Sub Assistant Geologists.
1 Deputy Director.	2 Probationers.
1 Senior Geologist.	2 Assistant Chemists.

Department of Mines and Explosives.

1 Chief Inspector of Mines in Mysore.	1 Junior Inspector of Mines.
1 Inspector of Mines.	1 Inspector of Explosives.
1 Assistant Inspector of Mines.	1 Assistant Inspector of Explosives.

The pay and prospects of the Chemists in the Department will be settled along with the question, which the Government have in view of revising the pay and prospects of Chemists in the other departments of the State.

No. G. 7041-7100—Geol. 69-18-11, dated 18th September 1919.

The financial effect of sanctioning the revised staff for the two departments is shown in the proposition statement from which it will appear that the extra expenditure involved when the whole scheme is brought into force will be Rs. 118¾ per mensem for the Geological Department and Rs. 911¼ per mensem for the Mining Department or a total of Rs. 1,030 per mensem.

The existing officers of the two departments will be allocated in the revised grades as below:—

Geological Department.

Director	..	Dr. Smeeth (to be on special duty) Mr. B. Jayaram (to be *sub pro tem*)
Office Assistant	..	,, Varadaiya.
Deputy Director	..	,, B. Jayaram (Director, *sub pro tem*) ,, Sampathiengar (to be *sub pro tem*)
Senior Geologist	..	,, Sampathiengar (Deputy Director, *sub pro tem*) ,, A. M. Sen (to officiate)
Assistant Geologists	..	,, A. M. Sen (to officiate as Senior Geologist) Messrs. B. N. Venkataramiah and B. Balaji Rao (to officiate)
Sub-Assistant Geologists	..	,, T. P. Kailasam, B. Rama Rao and V. T. Venugopal.
Assistant Chemists	..	,, Anantanarayana Iyer and Tirumalachar.

Department of Mines and Explosives.

Chief Inspector of Mines in Mysore	..	Mr. R. Bocquet.
Inspector of Mines	..	,, L. H. Beckwith.
Assistant Inspector of Mines	..	,, C. E. Suryanarayana Rao.
Junior Inspector of Mines	..	Vacant.

Explosives Branch.

(Under the administrative control of the Chief Inspector of Mines.)

Inspector of Explosives	..	Mr. A. T. Setlur.
Assistant Inspector of Explosives.	..	Vacant.

The above re-organisation of the staff and allocation will have effect from the 1st July 1919.

The work of the Department.

The work of the Geological Department will be mainly under the following heads:—

(1) Geological Survey.—(*a*) Continuance and development of the survey of the State on scientific lines.

(*b*) Training of junior members of the departmental staff in survey work by putting them to amplify and revise the systematic survey already accomplished.

(*c*) Preparation of a map on a scale of 1 inch to a mile of further surveys and bringing the map already compiled up-to-date from time to time with a view to the eventual publication of a large map.

(2) *Mineral Exploration and Prospecting.*—(*a*) Exploration, prospecting and sampling of mineral areas and the preparation of maps and sketches of ore deposits with a view to investigate and record the mineral resources of the State both in view of immediate requirements and of possible future developments.

(*b*) Closer investigation of the Iron, Manganese and Chrome ores and important minor minerals such as limestone, asbestos and graphite.

(*c*) Prospecting work on a commercial basis.

Government consider it desirable that part of the prospecting work of the department should be run on commercial lines, provision being made for the grant to the staff employed on the work of retainer and bonus on successful discovery. Detailed proposals in this regard may be submitted for the consideration of Government at an early date.

(*d*) Supervision of prospecting work.

No. G. 7041-7100—Geol. 69-18-11, dated 18th September 1919.

(3) *The development of Mining and Metallurgical industries.*—The work of developing mineral and metallurgical industries will, so far as the Geological Department is concerned, consist in developing the results of economic investigations to the stage in which practical action can be taken on them, when they should be communicated to the Industries Department or private syndicates for such practical action as may be possible.

(4) *The development of the Geological Museum and Laboratory.*—The actual work to be done under each head is described in detail in the note prepared by Dr. Smeeth on the programme of the department extracts of which are appended to this order.

The Director will, at the beginning of every year, submit for the information of Government a detailed programme of work for the year on the above lines.

The work of the Mining Department and the Explosives Section will be the same as heretofore. Mr. Setlur will continue to be Inspector of Explosives and be divested of his duties as Deputy Inspector of Mines. He will also deal with the inspection and licensing of petroleum and petrol installations. It is expected that as a result of this arrangement the Inspector of Explosives will be able to devote more attention than appears to have been possible hitherto to the statutory inspection of explosives and to see that the local inspections by the Magistracy and Police are also carried out.

9. Separate orders will issue in regard to the re-organisation of the subordinate and menial staff of the departments consequent on the arrangements sanctioned above.

Chief Secy. to Govt.

To—The Director, Department of Mines and Geology.
The Comptroller, Mysore Government, (through Financial Secretariat).
The Director of Industries and Commerce.
The Secretary, Economic Conference.
The other Heads of Departments.
The Deputy Commissioners of Districts.

Exd.—C. R.

No. G. 7041-7100—Geol. 69-18-11, dated 18th September 1919.

Statement of Proposition for Revision of Establishment.

Government Orders sanctioning present Establishment		Nature of charge										
		Present scale					Sanctioned scale					
				Pay						Pay		
No.	Date	No.	Designation	Minimum	Rate of increase	Maximum	Average cost	No.	Designation	Minimum	Rate of increase	Maximum	Average cost
				Rs.	Rs.	Rs.	Rs.			Rs.	Rs.	Rs.	Rs.
No. G. 8445-93—G. M. 292-14-1, dated 9th February 1915.		1	Director, Department of Mines and Geology.	1,500	100	1,800	1,740 +200 P. A.	1	Director, Department of Geology.	1,000	50—1	1,200	1,146⅔
		1	Senior Geologist.	400	30	700	583⅓	1	Deputy Director.	650	40—1	850	783⅓
		2	Assistant Geologists.	300	50—3	450+ 50 P. A.	750 +100 P. A.	1	Senior Geologist.	500	25—1	600	573⅓
		5	Sub-Assistant Geologists.	100	25—2	250	933⅓	2	Assistant Geologists.	300	25—1	450	796⅔
		1	Probationer.	...	...	75	75	5	Sub-Assistants Geologists.	125	25—2	250	1,000
		1	Registrar.	100	10	150	137½	2	Probationers.	..	...	75	150
		2	Assistant Chemists.	70	10	150	241⅓	1	Office Assistant.	150	10—1	200	187½
		1	Chief Inspector of Mines.	750	50	1,000+ 100+ 150 L. A.	916⅔ +100 +150 L. A.	2	Assistant Chemists.	70	10	150	241⅓
		*1	Inspector of Mines.	...	...	700+ 100 P. A.	700 +100	1	Chief Inspector of Mines in Mysore.	1,000	50—1	1,200 +200 L. A.	1,146⅔ +200
		1	Sub-Inspector of Mines.	100	50—3	250+ 50 L. A.	175 +50	1*1	Inspector of Mines.	600	40—1*	800 +100 L. A.	733⅓ +100
		1	Deputy Inspector of Mines and Inspector of Explosives.	400	30	700	583⅓	1	Assistant Inspector of Mines.	300	25—1	450 +75 L. A.	398⅓ +75
								1	Junior Inspector of Mines.	125	25—2	250 +50 L. A.	200 +50
								1	Inspector of Explosives.	400	30	700	583⅓
								1	Assistant Inspector of Explosives.	125	25—2	250	200
						Total...	7,535½		Increase Rs. 1,030 per mensem.			Total...	8,565½

* The local allowance now sanctioned to this officer includes the house-rent sanctioned to him in Government Order No. G. 7162-4—Geol. 30-16-6, dated 30th November 1916.

No. G. 7041-7100—Geol. 69-18-11, dated 18th September 1919.

SCHEME OF WORK FOR THE DEPARTMENT OF MINES AND GEOLOGY AND THE INSPECTION OF MINES AND EXPLOSIVES.

(1) *Administration.*—The department will be in charge of the Director who will be responsible for administration and supervision of the various technical branches.

The office will be in charge of an Office Assistant to the Director. In addition to routine matters, general correspondence, preparation of Government returns and reports, the work will include the preparation and issue of the various kinds of mineral leases and licenses and the keeping of maps and records relating to them.

It is hoped that it will be found possible to reduce and simplify the administrative and office work so as to set free the Director, to a greater degree than hitherto, for technical work and supervision of the work of the technical officers. To further this, the Deputy Director will be allotted certain portions of the administrative and supervision work and assume responsibility therefor.

(2) *Geological Survey.*—It is essential, if progress is to be maintained, that survey work on modern scientific lines should be continued and developed. A preliminary survey of the greater part of the State has been completed, a large amount of mapping, on a scale of 1 inch to a mile, has been accomplished and a consolidated map on a scale of 1 inch to 8 miles has been published. Certain ~~calculations~~ have been reached and a number of important problems await investigation. If the fruits of the work done are not to be lost it is necessary that the senior officers who have done the preliminary work and have many years of valuable experience behind them should be free to devote a substantial portion of their time to these problems and to train younger men to carry on the work afterwards. conclusions

These problems need not be specified here. They include the obscure relationship of the main components of the Dharwar system the character, origin and distribution of the ferruginous rocks, limestones and quartzites and study of the auriferous Champion gneiss series with reference to its further extension and identification.

The scientific classification and nomenclature of main formations requires close attention with a view to subsequent issue of a revised and comprehensive map on a suitably large scale.

The geology, mode of occurrence and distribution of the chief minerals of economic interest requires to be taken up in greater detail and maps prepared of important areas.

These very important works will devolve mainly on the Director and Deputy Director whose accumulated experience must be taken advantage of before the department loses their services. The specific work to be undertaken will be arranged from year to year.

In addition, it is necessary to train men to continue the work in later years. Sub-Assistant Geologists who show special aptitude for this class of work will be selected and put on to amplifying and revising the systematic survey work already accomplished and gaining the necessary experience and training under the senior officers.

A map, on a scale of 1 inch to a mile, has already been compiled and shows the consolidated results of the work already done. This requires to be constantly added to and revised, with a view to subsequent publication, after a further definite stage of progress has been reached as the result of the programme outlined above. The work of keeping this map up to date may be allotted to the Deputy Director. It will be a matter of some five to ten years, according to the time at the disposal of the senior officers, before sufficient progress can be expected to justify the commencement of publication of the large map.

(3) *Mineral exploration and Prospecting.*—This is an important part of the work of the department which should follow up the results of the geological survey work. A good deal of attention has been paid to it in recent years but owing to the small staff available the progress of the geological survey has been seriously retarded. It is very desirable that the work should be carried on independently of the survey work though based thereon and to this end it is necessary to place the work in charge of a senior officer under the general instructions of the Director. It is proposed, therefore, to make the Senior Geologist responsible for the work and to allocate to it certain of the Assistant Geologists and Sub-Assistants.

The work to be done involves the exploration, prospecting and sampling of mineral areas, especially new areas or minerals, reserved to Government, and the preparation of maps and sketches of ore deposits.

The prospecting work should be confined to simple excavations and comparatively shallow pits or shafts and does not contemplate deep working or workings on an extended scale. Deep working and the winning of ore on a commercial scale is not work which can properly or profitably be undertaken as part of the regular work of the department. It

should be left mainly to private enterprise and if, in any particular case, it is necessary or desirable for Government to carry out actual mining work special arrangements and a special staff should be provided.

The work should aim at investigating and recording the mineral resources of the State not merely in view of immediate requirements but with a view to possible future developments.

The iron, manganese and chrome ores require to be more closely investigated, as well as such minor minerals as limestone, clay, magnesite, asbestos, graphite, corundum, bauxite, etc.

All of these investigations cannot be taken up at once and Sub-Assistants require to be entertained and trained for the work which will be taken up on yearly programmes according to the staff available.

(4) *Supervision of Prospecting work.*—The major portion of the mining and prospecting work in the State must be carried on by private enterprise—it would be quite impossible for any departmental staff to deal with even a small fraction of it or to carry it out on a commercially successful basis. It is very important, however, that privately conducted prospecting work should be subject to much closer supervision than in the past and this should form an essential part of the work of the prospecting staff referred to in para (3).

Close touch should be maintained with all prospecting work in progress and maps, sections and sketches should be prepared showing the work done, the adjacent geological features and the disposition and character of the ore bodies.

In the case of much prospecting work, the licensee will not be in a position to prepare such maps, sketches, etc., nor to fill in details of scientific and economic interest. This work should be done by the department not only as an aid to prospectors but for the information and experience it will afford to the department. The records thus obtained should be of great use and value and the assistance and advice which can be given to prospectors would be useful and welcome.

(5) *Development of Mineral and Metallurgical Industries.*—The development and working of industrial concerns cannot be undertaken by the regular staff of the department. Preliminary investigations, experiments and proposals may be made and technical advice obtained thereon, but if commercial enterprise is to follow it should be placed in private hands, with or without Government share or control, or special staffs should be entertained for the business in view or the matter handed over to the department of Industries and Commerce according to circumstances and the nature of the work required. It is not possible to maintain the organization and efficiency of the department or to carry out systematic programmes if officers are liable to be diverted to duties additional to, or outside of, their proper spheres of work.

The State has now undertaken a commercial iron and steel scheme which was investigated and developed by the department. Expert technical assistance has been obtained and the work will be carried out by a special agency and staff. Certain portions of the work will be controlled and carried out by Government and it has been decided to place Doctor W. F. Smeeth, the present Director of Mines and Geology, on deputation for special duty in connection with the above scheme and in connection with the investigation of certain other schemes which have been proposed and on which it is desired to arrive at definite practical conclusions as early as possible.

(6) *Geological Museum and Laboratory.*—Type collections of the chief rocks and minerals of the State have been arranged in the Geological Museum at Lambourne House. The work of keeping the Museum up to date, storing and classifying the various collections which are continuously being added to and work in connection with samples and enquiries sent in by the public and by Departmental Officers on Field Service demands the attention of a whole time officer at Headquarters. In order to provide for this, it is proposed to place a Sub-Assistant Geologist on duty as Curator for a period of one or two years after which he will revert to regular Field work and other duties and will be replaced by another Sub-Assistant as Curator. This means that one Sub-Assistant will always be at Headquarters for attention to the duties specified and will at the same time receive special training in petrology, mineral determinations, classification of rocks, etc., from the Senior Officers present. The Curator will work under the general control and instructions of the Deputy Director. With regard to a laboratory, this has still to be provided and when available it will materially increase the usefulness of the department and improve the training of Assistants.

(7) *Sub-Assistants.*—The re-organization scheme provides for ~~(5)~~ Sub-Assistants, of whom only three will be available to start with. The others will have to be entertained and trained as soon as possible, as without them the above programme cannot be carried out completely. All Sub-Assistants will be taken on as Probationers for two years and

will be confirmed only if capable and satisfactory. Provision is made for two Probationers in addition to the ~~(5)~~ Sub-Assisiants, but these will not be entertained until the full number of Sub-Assistants have been secured and then only when required to fill up actual or prospective vacancies. Probationers will thus be taken on only at intervals, as required to fill vacancies, and will not form a regular addition to the staff.

Of the 5 Sub-Assistants one will always be at Headquarters as Curator of the Museum. An average of 2 ~~(or 3)~~ should be devoted to geological survey work and 2 ~~(or 4)~~ should be devoted to mineral exploration and prospecting. In the grade of Assistants endeavours should be made to promote alternately the most promising men for survey work and for prospecting work so as to keep a well balanced staff in the higher grades. For the same reason it may be desirable, at some future time to interchange some of the technical duties of the Deputy Director and Senior Geologist according to the special qualifications of officers who may rise to these grades.

It should be clearly understood that promotion from one grade to another depends on there being a vacancy and that the selection of an officer for promotion depends entirely on ability and satisfactory work and not on seniority.

DEPARTMENT OF MINES AND EXPLOSIVES.

The Department will be under the administrative control of the Chief Inspector of Mines. The Mining Branch will deal with the Inspection of Mines on the lines already organized under the Mysore Mines Regulation and Rules.

The exact class of mining operations to which the Regulation and Rules apply requires to be more clearly defined, but at present it may be defined as embracing all mines or mining blocks held under mining leases and such prospecting blocks as may be specially placed by order of Government under the supervision of the Inspector of Mines.

The work of mine inspection has already been fully organized and it is only necessary to state that the department shall be responsible for inspection work not only on the Kolar Gold Field but throughout the State. For this purpose it is necessary that the officers of the Department should be provincial officers with Headquarters at Ooregum.

Inspection of Explosives.—Hitherto the inspection of Explosives has formed part of the Geological Branch of the Department of Mines and Geology. In future it will come under the new Department of Mines and Explosives. The Inspector of Explosives will, therefore, be placed under the administrative control of the Chief Inspector of Mines, but he will continue to be responsible for carrying out the technical provisions of the Mysore Explosives Regulation and Rules and for the supervision of the work of District Officers and Police in regard to the issue of licenses and inspection of premises.

The Inspector of Explosives will be provided with an Assistant who will undergo training in the Inspection work and assist the the Inspector in the work to be done.

It is very desirable that this work should be placed in charge of a single officer who will be responsible for the collection and preparation of these statistics and returns and make such inspections and enquiries as will afford a reasonable check upon their accuracy.

Confidential

Proceedings of the Government of
His Highness the Maharaja
of Mysore.

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Geol 69-18-12

R e a d:-

Para 6 of G. O. No G 7041-7100 Geol 69-18-11 dated 18-9- 1919 regarding the re-organisation of the Department of Mines and Geology stating that Dr. Smeeth - would be placed on special duty and that separate orders would issue regarding his functions and responsibilities ~~also~~

A 2. Also G. O. No. 10701-12 F&C 124-17-2 dated 1st May 1918 regarding the Iron Scheme.

***

O r d e r No. G7101-60

Dated, Bangalore the 18/9/19. June 19

The object of Government in placing Dr. Smeeth on Special Duty was that he should have relief from the ordinary administrative work of the Departments of Mines and Geology and be free to - devote his whole time to technical work and to the development of the schemes which were studied by him while recently on deputation in Europe and America. Government also consider this arrangement necessary and desirable as affording Dr. Smeeth an opportunity to give to the

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the State the benefit of his expert - knowledge in the interval between now and his retirement from service.

~~2.~~ The duties of Dr. Smeeth during the period of special duty will be mainly in connection with the Iron Scheme, and othe special schemes of which he has made a study. He will also act as adviser to Government in regard to the Geological and ~~the~~ Mining Departments.

~~2.~~ (a) The Departments of Mining and Geology. -

Though in all ordinary matters Dr. Smeeth is divested of responsibility relating to these departments and the ~~Offg~~. Director of the Geological Department (Chief Inspector) and the Chief Inspector of Mines in Mysore will, in all cases, communicate directly with Government, it is the intention of Government that in important matters the views of Dr. Smeeth ~~must~~ should be obtained before issue of orders ~~are issued~~. In cases involving any considerable change of policy and in cases of doubt in regard to matters of scientific and technical interest the ~~Off~~. Director, Department of Geology and the Chief Inspector of Mines in Mysore ~~could~~ may consult Dr. Smeeth before submitting their proposals to Government. In any case where this course has not been adopted and Government consider reference is necessary or desirable

Government

are requested to

Government may consult Dr. Smeeth themselves or direct the former officers to obtain his views and submit their proposals again for orders.

(b) The Iron Scheme.

Dr. Smeeth's work under the Iron Scheme will be

(1) the Development and equipment of the iron mines at Kemmangundi, mining and supply of ore of the requisite grades and investigation for further supplies of ore;

(2) supply of the flux materials of the requisite quality and purity required for smelting;

(3) investigation into subsidiary industries that may be started in connection with the Iron Scheme.

The work under these three items will be in effect the fulfilment of the responsibility of the Geological Department under the order regarding the Iron Scheme read above. Dr. Smeeth will also represent the Geological Department on the Committee appointed in para 6 of that order.

As Dr. Smeeth will be in charge of a work of great importance devolving on the Geological Department in relation to the Iron Scheme and as it is desirable that he should be on the Board of Directors for the management of the Mysore Iron Works, and as the Director of -

Industries

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Industries and Commerce, who was provisionally appointed to the Board, as one of the members representing Government in Government Order No. 204-9/9 Fc 124-17-64 dated 5th July 1918 has, at present, no direct function relating to the Iron Scheme, Government direct that Dr. Smeeth be appointed a Director representing Government in place of the Director of ~~Industries~~ Industries and Commerce on the Board of Management

204-9/9 Fc 124-17-64 & 5-7-18. P

3. The other items of work to which Dr. Smeeth will devote attention are the following:-

(1). The investigation of the possibilities of making iron sponge as additional raw material for the electric steel furnace.

(2). The development of an experimental plant for the manufacture of ferrochrome and for experiments on ferro manganese and alloy steels.

(3). The investigation of the possibilities of utilizing the lime deposits for purposes of other than flux materials for the Iron Scheme such as manufacturing calcium carbide and cyanamide ~~and experimental work in connection therewith~~ *

(4). Advice and assistance to the Director of Industries and Commerce in connection with minerals which he may require for proposed industries such as cement, pottery, bricks, refractories,

It is I think better to have this part of the work of the dealt with by the Sc. Bd. The report done in the main can be Ch. E.P. may also be consulted & in Bombay & the Sc. Bd. for opinion. Yes

157

refractories, glass, sulphuric acid, alkali and lime etc.,

(5). Advice and assistance to officers of the Geological Department in connection with the search for minerals, classification of rocks, compilation of ~~from~~ geological maps and recent methods of petrological investigations.

(6) Advice and assistance to persons engaged in mining or prospecting operations or in developing mineral industries in the State when recommended by the Departments concerned.

4. Further orders will issue regarding the staff that will be detailed for work under Dr. Smeeth on receipt of a report from him as to his requirements in due course. Till then the following establishment will be detailed solely for work under him.,

One clerk
One Typist
One Mutchi
Six peons

Dr. Smeeth may make use of one or two of the Sub-Assistant Geologists from the staff of the Geological Department according to his need for immediate work connected with his special duty.

5. A brief quarterly report of the work done will be submitted to Govt once a quarter All references from Dr. Smeeth relat

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the Iron Scheme and other industrial investigations taken up by him will be addressed to the Secretary to Govt ~~for Industries and Commerce~~ in the Departments of Education and Agriculture.

6 The extra expenditure involved by this arrangement will be debited 1/3 rd to the Iron Scheme, ~~and~~ 1/3rd to the Department of Geology and 1/3rd to the Industries and Commerce Department.

29/6/49

26/6/49 Chief Secretary to Government

30.6.49

To

Other Secretaries to Government.

Dr. Smeeth, ...

The Director, Department of Geology

The Chief Inspector of Mines in Mysore.

Other Heads of Departments.

The Special Officer, Iron Scheme.

ACH,

CONFIDENTIAL S. O.

PROCEEDINGS OF THE GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE.

GENERAL AND REVENUE DEPARTMENTS.

Read:—

Para 6 of Government Order No.G.7041-7100/Geol.69-18-11 dated 18th September 1919 regarding the reorganisation of the Department of Mines and Geology, stating that Dr.Smeeth would be placed on special duty and that separate orders would issue regarding his functions and responsibilities...

2. Also Government Order No.10701-12/I.&.C.124-17-2 dated 1st May 1918 regarding the Iron Scheme..

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Order No. G. 7101-60/Geol. 69-18-12 dated Bangalore, the 18th September 1919.

The object of Government in placing Dr.Smeeth on special duty is that he should have relief from the ordinary administrative work of the Departments of Mines and Geology and be free to devote his whole time to technical work and to the development of the schemes which were studied by him while recently on deputation in Europe and America. Government also consider this arrangement necessary and desirable as affording Dr.Smeeth an opportunity to give to the State the benefit of his expert knowledge in the interval between now and his retirement from service.

2. The duties of Dr.Smeeth during the period of special duty will be mainly in connection with the Iron Scheme, and other special schemes of which he has made a study. He will also act as adviser to Government in regard to the Geological and the Mining Departments.

A. DEPARTMENTS OF MINING AND GEOLOGY.

Though in all ordinary matters Dr.Smeeth is divested of responsibility relating to these departments, and the Director of Geological Department (*sub-pro-tem*) and the Chief Inspector of Mines in Mysore will, in all cases, communicate directly with Government, it is the intention of Government that in important matters the views of Dr.Smeeth should be obtained before issue of orders. In cases involving any considerable change of policy and in cases of doubt in regard to matters of scientific and technicalinterest, the Director, Department of Geology (*sub-pro-tem*) and the Chief Inspector of Mines in Mysore are expected to consult Dr.Smeeth before submitting their proposals to Government. In any case where this course has not been adopted and Government consider such reference is necessary or desirable, Government may consult Dr. Smeeth themselves or direct the former officers to obtain his views and submit their proposals again for orders.

B. THE IRON SCHEME.

2. Dr. Smeeth's work under the Iron Scheme will be:-

(1) the development and equipment of the Iron mines at Kemmangundi, mining and supply of ore of the requisite grades, and investigation for further supplies of ore;

(2) supply of the flux of the requisite quality and purity required for smelting;

(3) investigation into subsidiary industries that may be started in connection with the Iron Scheme.

The work under these three items will be in effect the fulfilment of the responsibility of the Geological Department under the order regarding the Iron Scheme read above. Dr. Smeeth will also represent the Geological Department on the Committee appointed in para 6 of that order.

As Dr. Smeeth will be in charge of a work of great importance devolving on the Geological Department in relation to the Iron Scheme and as it is desirable that he should be on the Board of Directors for the management of the Mysore Iron Works, and as the Director of Industries and Commerce, who was provisionally appointed to the Board, as one of the members representing Government, in Government Order No. 204-9/I. & C. 124-17-34 dated 5th July 1918 has, at present, no direct function relating to the Iron Scheme, Government direct that Dr. Smeeth be appointed a Director representing Government in place of the Director of Industries and Commerce on the Board of Management.

3. The other items of work to which Dr. Smeeth will devote attention are the following: —

(1) The investigation of the possibilities of making iron sponge as additional raw material for the electric steel furnace.

(2) The development of an experimental plant for the manufacture of ferro-chrome and for experiments on ferro manganese and alloy steels.

(3) The investigation of the possibilities of utilising the lime deposits for purposes of other than the flux materials for the Iron Scheme such as manufacturing calcium carbide and cyanamide.

(4) Advice and assistance to the Director of Industries and Commerce in connection with minerals which he may require for proposed industries such as cement, pottery, bricks refractories, glass, sulphuric acid, alkali and lime etc.,

(5) Advice and assistance to officers of the Geological Department in connection with the search for minerals, classification of rocks, compilation of the geological maps and, recent methods of petrological investigations.

(6) Advice and assistance to persons engaged in mining or prospecting operations or in developing mineral industries in the State when recommended by the Departments concerned.

4. Further orders will issue regarding the staff that will be detailed for work under Dr. Smeeth on receipt of a report from him as to his requirements in due course. Till then the following establishment will be detailed solely for work under him:-

One clerk, one typist, one mutchi, six peons.

Dr. Smeeth may make use of one or two of the Sub Assistant Geologists from the staff of the Geological Department according to his need for immediate work connected with his special duty.

5. A brief quarterly report of the work done will be submitted to Government once a quarter. All references from Dr. Smeeth relating to the Iron Scheme and other industrial investigations taken up by him will be addressed to the Secretary to Government in the Departments of Education and Agriculture.

6. The extra expenditure involved by this arrangement will be debited one third to the Iron Scheme, one third to the Department of Geology and one third to the Industries and Commerce Department.

C. S. BALASUNDARAM IYER,

Chief Secretary to Government.

To—The Other Secretaries to Government.
Dr. Smeeth M.A., D.Sc., etc.
The Director, Department of Geology.
The Chief Inspector of Mines in Mysore.
The Director, Department of Industries and Commerce.
The Special Officer, Iron Scheme.
The Comptroller to Government.

Government of His Highness the Maharaja of Mysore.

GENERAL AND REVENUE DEPARTMENTS

G. O. NO. G. 7101-60/GEOL. 69-18-12 DATED 18TH SEPTEMBER 1919.

Dr. W. F. Smeeth M. A., D.Sc., etc.,

Defines the work of---while on special duty.

Statement showing the provision made in the budget of the Dept of Mines & Geology for the year 1919-20 under the head Salaries and the amount required to be incurred under the same head under the reorganization scheme (during the year 1919-20).

Designation	Name of office	Provision made in the budget	Expenditure to be incurred under Reorganization	Savings	Extra Expenditure
		Rs.	Rs. of last Diff.	Rs	Rs
Director, Dept of Mines & Geology	Dr W. F. Smeeth	2000	$666\frac{2}{3}$	$1333\frac{1}{3}$	
Director, Dept of Geology (S.P.S.)	Mr. B. Jayaram	640	1000		360
Office Assistant	Mr. N. Varadaiya	150	150		.
Deputy Director (S.P.S.)	Mr. P. Sampat Iyengar	500.	650.		150.
1 Senior Geologist (Offg).	Mr. A.M. Sen.	500	500.		.
2. Assistant Geologists.	Mr. B.N. Venkata ramaiya.	175	300		125
	Mr. B. Baloji Rao.	175	300.		125.
Sub Asst Geologists (5)	(1) Mr. T.P. Kailasam	125	125		
	(2) Mr. B. Rama Rao	125	125		
	(3) Mr. V.T. Venugopal.	125	125		
	(4&5) Sub-Asst Geologists	—	—		
Probationers. (2)	(1) Mr. V.A. Krishna Murti.	75	75		
	(2) Probationer.	—	—		
2 Assist chemists	(1) Mr. M.R. Ananthanarayana Ayy.	100.	100.		
	(2) Mr. E.R. Tirumalachar.	100.	100		
1 Chief Inspector of Mines in Mysore.	Mr. R. Bocquet.	1250	1400.		150
1 Inspector of Mines	Mr. Lt. Braithwaite	850.	900		50.
1 Assist Inspector of Mines.	Mr. C.E. Suryanarayana Rao.	250.	375.		125.
1 Inspector of Explosives	Mr. A.P. Fetler.	640.	640.		.
1 Junior Inspector of Mines					
1 Assistant Inspector of Explosives					
		7780 per mensem	$7531\frac{2}{3}$ per mensem	$1333\frac{1}{3}$ (a)	1085 (b)

I Provision made in the budget.

7. Inspection of Mines & Explosives Salaries. 12000
31600
14. Geological Branch Salaries. 43600 (A)
12000.
35880
47880 B.
(A+B). 91480
14. Salary of Office Asst & Inspector 1800.
Amount deducted on account of probable savings. 80
93360

II Expenditure required to be incurred under Reorganization scheme during 1919-20. $= 7531\frac{1}{3} \times 12 =$ Rupees 90380

Savings per month. (a-b) Rs $248\frac{1}{3}$

Savings for 12 months Rs 2980.

Probable savings = I − II = 93360 − 90380 = 2980 Rupees

Secret 17

G.R.S. VI–71]

SUBJECT.....

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Diary No. of letter replied to.....

General and Revenue Secretariat

( )

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Date of issue 27.10

Signed by Dr M.V. Seshaya

Section Geol

File No. 69-18

Serial No. 184

Proceedings of the Government of His Highness the Maharaja of Mysore.

Read—

Govt order no G 7041-7100/Geol 69-18-11 dated 18th September 1919 issuing orders on the re-organisation of the dept of Mines & Geology & directing that the re-organisation of the staff and allocation will have effect from the 1st July 1919

Report no 897 dated 26-9-1919 from the Director, dept of Mines & Geology stating that Mr. B. Jagaram received the charge of the office of the Director, dept of Geology from Dr W.F. Purcell on the 25th September 1919.

Order G 9237–40

Govt are pleased to direct

P.T.O.

May this be

i Printed ?

ii treated as a standing order ?

ii published in the Gazette, English Part ?

iv translated ?

v placed at the disposal of the press ? Yes 27.10

vi published in the Gazette Kannada Part ?

in the cntl

27/10

that Mr Mueller be considered to have entered on his Special duty on the 1st July 1919 and that the Sub Proteu appointments ordered in the Govt Proceedings read above ~~shall~~ have effect from that date.

CSR/25/10

25.10.19

25/10 19 Chief Secretary

25/10/19

To The Director of Mines & Geology on Special duty

The Comptroller to Govt.

The Director of Geology

The Chief Inspector of Mines in Mysore.

Copy to the Financial Secretariat

List of enclosures.

Copied by

Examined by

WD 1744—GPB—30,000—17-3-19

8850
Geol 15

Proceedings of the Government of His Highness
the Nizam of Hyderabad.

Geology.-

Correspondence dealing with letter No. 8850-G dated 16th October 1939 from the Director of Industries and Geology on leave duty, requesting sanction to the employment of Mr. [illegible] Parthasarathy, Graduate Assistant in connection with the Hyderabad Geological Survey, with regard to the establishment to be allowed to him, etc.,

Order No. [illegible]

Dated, Hyderabad, the [illegible] October 1939.

The employment of Mr. Parthasarathy on the establishment is sanctioned for a period of three years from the date of his taking charge of the post in October 1939.

(2) He will be paid a pay of Rs. 250/- per mensem in the 1st year, Rs. 275/- per mensem in the 2nd year and Rs. 300/- per mensem in the 3rd year.

(3) He will be allowed suitable bungalow accommodation at Hyderabad or in the case of his being required to live in a bungalow on the Survey, he will be provided with tents and camp furniture as may be necessary.

(4) He will be entitled to the usual travelling allowances admissible to officers of his service and position.

(5) Rs. [illegible] will be placed at the disposal of the Director of Industries and Geology for carrying out investigations in connection with the mining operations of the Sirkare Taluk. The detailed contingent bills will be required to be submitted in triplicate and will be countersigned by the Director before they are sent to the Accountant General for audit.

(6) Mr. Parthasarathy will be subject to the rules of the following Provident Fund in the Department.-

(1) [illegible] Assistant Surgeon (Assistant Surgeon) [illegible] at the Leprosy Sanatorium,

(a) [illegible] accountant and storekeeper on [illegible] Rs. 70/-

(b) [illegible] clerk and translator on [illegible] Rs. 40/-

(c) [illegible] on [illegible] Rs. 15/- } To be attached
(d) [illegible] Rs. 10/- } to the Superintendent.

2. The Assistant Surgeon (Assistant Surgeon) will continue to [illegible] and be given remuneration at Rs. 5/- per visit.

3. [illegible] is required to [illegible] survey party [illegible] by Mr. [illegible] [illegible] [illegible] to control to avoid [illegible] [illegible] [illegible] [illegible].

4. [illegible] [illegible] [illegible] [illegible].

For Secretary to Government,
Department of [illegible] Irrigation.
BJS.

To [illegible], Director of Geology and Special Duty.

[illegible], Government, through Financial Secretariat [illegible].

[illegible].

[illegible].

[illegible].

Copy to the Chief Secretariat.